**Direction** (1-7): Read the given passage carefully and answer the questions that follow. Certain words are printed in bold to help you locate them while answering some of these.

The first and most important step to effective financial planning is developing and implementing a budget. That, of course, sounds easy and even simplistic. But it's more difficult than it seems. Budgeting simply means to live within one's financial means. You have a limited amount of money to spend each month, so you need to separate your needs from your wants. Your "needs" usually include housing, utilities, food and clothing, medical facilities the things you can't live without. Once your needs are taken care of, any remaining money can go to unnecessary wants those items that are nice to have, but not required to live. They usually include things like cable TV, Internet service, restaurant meals, cell phones with many features, etc. You need to be careful not to confuse wants and needs. A very common reason people get into serious debt is by failing to live within their means. They use credit to supplement their wants, but eventually this will cause financial trouble. Like our family budget, the nation's General Budget has major parts: Revenue Expenditure. Assessing the revenues from different central taxes is the primary function of the Department of Revenue and the expenditure estimates for the current and the next year for various expenditure heads are assessed by the Department of Expenditure. The Department of Expenditure assesses the resources of the publicsector undertakings (PSUs). The Budget division is a part of the Department of Economic Affairs. The Finance Secretary coordinates the overall Budget-making process. All of them keep the finance minister informed and seek directions from time to time. The Chief Economic

Advisor aids the concerned departmental officer in this process. Leaving aside the tax receipts, the other sources of the revenue which go into the Budget are the dividends paid by the PSUs on the government shareholdings, including the **interim** dividends and the capital receipts on account of the divestment of the government share holdings. Besides external receipts on account borrowing from international agencies like World Bank, ADB, etc, are also estimated and included in the assessment of the gross budgetary resources of various programmes under various ministries. For the expenditure side, various ministries providing initial and of estimates plan non-plan expenditures. The ministries discuss the plan expenditures with the Planning Commission. The Planning commission allocates resources for continuing plan programme. After the estimation of and expenditure government the concept revenue deficit is brought into focus to discuss as it cause of major concern Government of India. Revenue deficit indicates the excess of expenditure over receipts in the revenue budget of the government. Revenue deficit means the government is not able to finance its day to day expenses or what we call the current expenditure out of its normal revenue sources like taxes. In India, the central government's budget had a surplus until 1977. But in 1978 budget, revenue deficit appeared for the first time. Since then there is revenue deficit in all years and the government is borrowing to finance the revenue deficit. Borrowing this year to finance revenue deficit will create interest payments in future (which is revenue expenditure). Increasing borrowing payments - revenue deficit- borrowing explains the vicious circle of debt for the government. In this way, interest payment became the largest



expenditure item for the government A high revenue deficit gives a warning signal to the government to either curtail its expenditure or increase its revenue. The government missing its fiscal deficit target for the year means that either the revenue it collected fell short of projections, or that its expenditure was higher than planned. On the other hand, it can be said that the revenue deficit can be controlled by government by reducing its expenditure and by increasing it receipts from the various sources of tax. Data for the first eight months of 2017-18 show that the government's revenue deficit widened at an alarming pace. Revenue deficit is the gap between government's revenue expenditure and revenue receipts. While revenue expenditure increased in November 2017 by over 13 per cent over the same period of 2016, the government's revenue increased by less than 2 per cent. Source: https://www.greenpath.com

- Which of the following is the source of the revenue which goes into the Budget?
   A. Tax Receipt
  - B. Capital receipts on account of the divestment of the government share holdings
  - C. Dividends paid by the PSUs on the government shareholdings
  - D. Interim dividends paid by the PSUs on the government shareholdings
  - E. All of these
- 2. Which of the following are the functions of Department of Expenditure?
  - 1) Assessing the revenues from different central taxes
  - 2) Assessment of expenditure estimates for the current and the next year for various expenditure heads.
  - 3) Assessing the resources of the publicsector undertakings
  - A. Only 1
- B. Only 2
- C. Only 1 and 3
- D. Only 2 and 3
- E. All of these

- 3. What does the term Revenue Deficit mean?
  - A. The government fails to take care of its daily expenses through the revenue sources like taxes.
  - B. The government runs out of finance and has to borrow from agencies like World Bank, ADB, etc.
  - C. The government faces a state of cash crunch through which it is not able to maintain sufficient currency flow in the financial market.
  - D. The government imposes unjustified amount of taxes on the people to overcome its financial crises.
  - E. None of these
- 4. What according to the passage do people do to fulfil their wants after they run out of their budget?
  - A. People trend to confuse between needs and wants and end up converting their needs into wants.
  - B. People work hard to and try to earn more to fulfil their wants which becomes their need
  - C. People take credits to fulfil their wants and end up in troublesome debts.
  - D. People try to cut down on their needs as there they are not left with sufficient money.
  - E. People borrow money from financial institutions at low rate of interests.
- 5. How did the year 1978 become a benchmark with respect to Central Government's budget?
  - A. The budget in this year accounted for an extraordinary surplus that had never existed in the history of India.
  - B. The financial budget in this year was not presented.
  - C. India saw a revenue deficit for the first time in this year and from this year and after this the revenue deficit occurred in all years.
  - D. The budget in this year was challenged by the opposition parties as the government borrowed to finance the revenue deficit.



- E. The budget in this year was unique as witnessed a balanced revenue surplus.
- 6. Which of the following is the MOST SIMILAR in meaning to the given word? **Aids** 
  - A. Amplifies
- B. Assists
- C. Expands
- D. Borrows
- E. Discriminates
- 7. Which of the following is the MOST OPPOSITE in meaning to the given word?

### Interim

- A. Medieval
- B. Tentative
- C. Interval
- D. Permanent
- E. Unstable
- 8. Direction: Read the sentence to find out whether there is any error in it. The error, if any, will be in one part of the sentence. If the given sentence is correct as it is, the answer is 'No error'. Ignore the errors of punctuation, if any. The ruling party stood/ for implementation of the bill/ and was ready to/ stake their political existence.
  - A. The ruling party stood
  - B. For implementation of the bill
  - C. And was ready to
  - D. Stake their political existence
  - E. No Error
- 9. Direction: Read the sentence to find out whether there is any error in it. The error, if any, will be in one part of the sentence. If the given sentence is correct as it is, the answer is 'No error'. Ignore the errors of punctuation, if any. Delegation is the transfer of/ authority through superior to subordinate/ at different levels/ in an organized sector.
  - A. Delegation is the transfer of
  - B. Authority through superior to subordinate
  - C. At different levels
  - D. In an organized sector
  - E. No error
- 10. Direction: Read the sentence to find out whether there is any error in it. The error, if any, will be in one part of the sentence. If the given sentence is

- correct as it is, the answer is 'No error'. Ignore the errors of punctuation, if any. It must be noted that/ decentralization should be applied/ along with caution as can/ lead to organizational disintegration.
- A. It must be noted that
- B. Decentralization should be applied
- C. Along with caution as it can
- D. Lead to organizational disintegration
- E. No error
- **Direction:** Read the sentence to find 11. out whether there is any error in it. The error, if any, will be in one part of the sentence. If the given sentence is correct as it is, the answer is 'No error'. Ignore the errors of punctuation, if any. Sometimes, when you are used to/ see a player in the commentary/ box over a long period, you tend to/ forget what a great player he was.
  - A. Sometimes, when you are used to
  - B. See a player in the commentary
  - C. Box over a long period, you tend to
  - D. Forget what a great player he was
  - E. No error
- **Direction:** Read the sentence to find 12. out whether there is any error in it. The error, if any, will be in one part of the sentence. If the given sentence is correct as it is, the answer is 'No error'. Ignore the errors of punctuation, if any. There is no one/ I have met or heard of/ whom I can consider knowledgeable/ than my English teacher.
  - A. There is no one
  - B. I have met or heard of
  - C. Whom I can consider knowledgeable
  - D. Than my English teacher
  - E. No error
- **Direction:** Read the sentence to find 13. out whether there is any error in it. The error, if any, will be in one part of the sentence. The number corresponding to that part will be your answer. If the given sentence is correct as it is, mark the answer as No error. Ignore the errors of punctuation if any.



The teacher instructed the students (A)/ to have a thoroughly reading (B)/ of each chapter (C)/ mentioned in the syllabus. (D)

A. 1 B. 2 C. 3 D. 4

E. No error

- 14. **Direction:** Read the sentence to find out whether there is any error in it. The error, if any, will be in one part of the sentence. If the given sentence is correct as it is, the answer is 'No error'. Ignore the errors of punctuation, if any. The shortest boy of the school/ didn't hesitate to join/ the basketball team which/ was full of tall boys.
  - A. The shortest boy of the school
  - B. didn't hesitate to join
  - C. the basketball team which
  - D. was full of tall boys
  - E. No error
- 15. **Direction:** Read the sentence to find out whether there is any error in it. The error, if any, will be in one part of the sentence. If the given sentence is correct as it is, the answer is 'No error'. Ignore the errors of punctuation, if any. In such delicate matters,/ we often take/ his advice as he has/ been effectively handling such cases for a decade.
  - A. In such delicate matters,
  - B. We often take
  - C. His advice as he has
  - D. Been effectively handling such cases for a decade
  - E. No error
- 16. **Direction:** A sentence with one blank is given, indicating that something has been omitted. Choose the word that best fits the blank appropriately.

As the festival approaches, the number of customers \_\_\_\_\_

- A. Will have increased
- B. Has increasing
- C. Will be increased
- D. Increases
- E. Increased

17. **Direction:** A sentence with one blank is given, indicating that something has been omitted. Choose the word that best fits the blank appropriately.

You will have to undergo a \_\_\_\_\_ of tests before the interview.

A. Large

B. Series

C. Design

D. Booklet

E. Delegation

18. **Direction:** In the given question, a statement with a single blank is given. Choose the most effective word from the given options to complete the sentence meaningfully.

One has to be very \_\_\_\_\_ during the monsoons as the road becomes slippery.

A. Smart

B. Cautious

C. Presentable

D. Prepared

E. Healthy

19. **Direction:** A sentence with one blank is given, indicating that something has been omitted. Choose the word that best fits the blank appropriately.

The judge used his \_\_\_\_ in settling the matter.

A. Know

B. Tactics

C. Discretion

D. Brains

E. Bias

20. **Direction:** A sentence with one blank is given, indicating that something has been omitted. Choose the word that best fits the blank appropriately.

The Board members could not arrive at a \_\_\_\_\_ regarding the employee.

A. Judgement

B. Progress

C. Policy

D. Dissent

E. Action

21. **Direction:** In the given question, a statement divided into different segments is given. The first segment is fixed, rearrange the other segments to form a coherent statement.

It was hard for the Afghans/ leading to the subtle plummeting of the morale (P)/ to withstand the wave after wave of enemy attacks (Q)/ their plight further worsened the situation (R)/ and the indifference of the allies towards (S)

A. QSRP

B. PQRS

C. RQPS

D. SRPO

E. RQSP



22. **Direction:** In the given question, a divided statement into different segments is given. The first segment is fixed, rearrange the other segments to form a coherent statement.

> The federation was keen on maintaining an/ exclusive membership profile and thus introduced (P)/ segregational policies adopted premier organizations (Q)/ an inviteonly policy for the new entrants (R)/ causing a sudden outcry against the (S)

A. PRSQ

B. SRPO

C. PORS

D. QSRP

E. SQRP

23. **Direction:** In the given question, a statement divided into different segments is given. The first segment is fixed, rearrange the other segments to form a coherent statement.

Introduction of the finance bill was delayed/ budget allocation for the cottage (P)/ debating over the renewal of the last year's (Q)/ by a week as the lawmakers were busy (R)/ industry which got wasted (S)

A. PORS

B. SPQR

C. RQPS

D. QRPS

E. RSOP

24. Direction: In the given question, a divided into statement different segments is given. The first segment is fixed, rearrange the other segments to form a coherent statement.

> As the files were being arranged/ been lost for several decades now (P)/ which were believed to have (Q)/ into a stack, the butler cam (R)/ across information about several of the family heirlooms (S)

A. RSQP

B. PORS

C. SROP

D. QSRP

E. SPOR

25. Direction: In the given question, a divided into statement different segments is given. The first segment is fixed, rearrange the other segments to form a coherent statement.

The dissolution of the assembly/ in the state which was (P)/ was followed by a prolonged (Q)/ already marred with political instability (R)/ tug of war for seizing the power (S)

A. RSPQ

B. QSRP

C. PSRQ

D. PRQS

E. PORS

26. **Direction:** In the given question, an idiom/phrase highlighted in bold is given in a sentence. Choose the most suitable meaning of the idiom/phrase.

> You must not waste your leisure time doing nothing, rather you should engage yourself in such activities that will blow off steam and recharge you for the future endeavours.

- A. Release surplus energy
- B. Take steam bath
- C. To make someone fidgety
- D. To exercise the brain
- E. To cause distress
- Direction: In the given question, an 27. idiom/phrase highlighted in bold is given in a sentence. Choose the most suitable meaning of the idiom/phrase.

I hope you pardon my French that I used during the serious and intense discussion we were having yesterday.

- A. Excuse my use of incorrect French
- B. Excuse my inappropriate language
- C. Excuse my untidiness
- D. Excuse my behaviour
- E. Excuse my tardiness
- 28. **Direction:** In the given question, an idiom/phrase highlighted in bold is given in a sentence. Choose the most suitable meaning of the idiom/phrase.

The teacher **looked over** my homework and found it very well put together.

A. Watched

B. Pioneered

C. Suspected

D. Belittleed

E. Examined

**Direction:** In the given question, an idiom/phrase highlighted in bold is given in a sentence. Choose the most suitable meaning of the idiom/phrase.



I heard it on the grapevine that the vacancies are going to be increased this year for many posts.

A. To hear some official news about something

- B. To inform people about something
- C. To acquire information by unofficial communication
- D. To be sure of something
- E. To deny a fact
- 30. **Direction:** In the given question, an idiom/phrase highlighted in bold is given in a sentence. Choose the most suitable meaning of the idiom/phrase.

The prisoners **broke out** of jail when the guards weren't looking.

A. Raised

B. Surrenderd

C. Escaped

D. Perpetuated

E. Considered

31. शब्द NICELY के प्रत्येक स्वर को अंग्रेजी वर्णमाला शृंखला के उसके अगले अक्षर से और प्रत्येक व्यंजन को अंग्रेजी वर्णमाला शृंखला में उसके पिछले अक्षर से बदल दिया जाए और फिर अक्षरों को वर्णमाला शृंखला अनुक्रम में व्यवस्थित कर दिया जाए तो निम्न में से कौन सा बाई ओर से चौथे स्थान पर होगा?

A. M

B. J

C. B

D. 0

E. K

निर्देश (32-36): निम्निलिखित प्रश्न नीचे दी गईं छह तीन अंकीय संख्याओं पर आधारित हैं-648 384 296 444 763 521

32. यदि हम प्रत्येक संख्या के पहले और दूसरे अंक को आपस में बदल दें तो निम्न में से कौन सी तीसरी सबसे छोटी संख्या होगी (मूल संख्या)?

A. 384

B. 444

C. 648

D. 763

E. इनमें से कोई नहीं

33. यदि प्रत्येक संख्या के पहले अंक में 2 जोड़ने के बाद पहले और तीसरे अंक को आपस में बदल दिया जाता है, तो निम्न में से कौन सी संख्या दूसरी सबसे बड़ी संख्या होगी (मूल संख्या)?

A. 444 C. 763

B. 296 D. 521

E. इनमें से कोई नहीं

34. यदि सभी संख्याओं को आरोही क्रम में व्यवस्थित कर दिया जाए तो बाईं ओर से तीसरी और दाईं ओर से दूसरी संख्या के बीच अंतर ज्ञात करें?

A. 176

B. 137

C. 178

D. 139

E. इनमें से कोई नहीं

35. यदि सभी सम संख्याओं से एक घटा दिया जाए तो कितनी संख्याओं में अंकों की प्नरावृत्ति होगी?

A. एक

B. दो

C. तीन

D. चार

E. इनमें से कोई नहीं

36. यदि दूसरी सबसे बड़ी संख्या की दाईं ओर से पहले अंक में चौथी सबसे छोटी संख्या की दाईं ओर से दूसरे अंक से भाग देने पर क्या परिणाण प्राप्त होगा?

A. एक

B. दो

C. तीन

D. चार

E. इनमें से कोई नहीं

निर्देश (37-41): नीचे दी गई जानकारी का अध्ययन करें और उस पर आधारित प्रश्नों के उत्तर दें:

दो समांतर पंक्तियों में प्रत्येक पंक्ति में 6 लोगों के आधार पर कुल 12 लोग इस प्रकार बैठे हैं कि निकटतम व्यक्तियों के बीच की दूरी समान है। पंक्ति 1 में M, N, O, P, Q और R बैठे हैं और सभी का मुख दक्षिण दिशा में है। पंक्ति 2 में, A, B, C, D, E और F बैठे हैं और सभी का मुख उत्तर दिशा में है। पंक्ति 1 का प्रत्येक सदस्य पंक्ति 2 के सदस्य के सामने बैठा है।

M और N के बीच दो व्यक्ति बैठे हैं। उनमें से कोई अंतिम छोर पर नहीं है। जो D के सामने बैठा है N का पड़ोसी है। O, Q की दाईं ओर से दूसरे स्थान पर है। O, N का पड़ोसी नहीं है। जो O के सामने



बैठा है F की बाईं ओर से दूसरे स्थान पर है। C और B के बीच में दो से अधिक लोग बैठे हैं। E और M के सामने बैठे व्यक्ति के बीच दो व्यक्ति बैठे हैं। R का निकटतम पड़ोसी B के सामने बैठा है। P पंक्ति के किसी भी छोर पर नहीं बैठा है।

37. निम्न में से कौन सा समूह से संबंधित नहीं है?

A. O C. B B. C

C. D

D. E

E. R

38. किसका म्ख P की ओर है?

A. A

B. F

C. B

D. D

E. C

39. O और N के बीच कितने व्यक्ति बैठे हैं?

A. कोई नहीं

B. 1

C. 2

D. 3

E. 4

40. निम्न में से कौन Q की बाईं ओर से तीसरे स्थान पर है?

A. P

B. R

C. N

D. M

E. O

41. निम्न में से कौन सा युग्म एक-दूसरे के सामने बैठा है?

A. Q-D

B. B-P

C. A-M

D. C-N

E. D-Q

निर्देश (42-46): नीचे दी गई जानकारी का अध्ययन करें और उस पर आधारित प्रश्नों के उत्तर दें:

P, Q, R, S, T, U, V और W आठ विभिन्न प्रकार के बॉक्स हैं, वे इस प्रकार से व्यवस्थित हैं कि बॉक्स 1 सबसे नीचे, बॉक्स 2 उसके ऊपर और इसी प्रकार आगे सबसे ऊपर बॉक्स 8 है। R बॉक्स 3 है। बॉक्स R और बॉक्स V के बीच में केवल 2 बॉक्स हैं। बॉक्स W बॉक्स Q के ठीक ऊपर है। बॉक्स T और बॉक्स U के बीच में केवल एक बॉक्स है। बॉक्स T बॉक्स U के ऊपर है। बॉक्स R और

बॉक्स S के बीच में केवल एक बॉक्स है। बॉक्स S बॉक्स T के नीचे कहीं पर है।

42. निम्न में से कौन सा पांचवां बॉक्स है?

A. S

B. Q

C. W

D. P

E. V

43. निम्न में से कौन सा बॉक्स, बॉक्स R और S की मंजिलों के ठीक बीच में है?

A. U

B. P

C. V

D. T

E. W

44. निम्न में से कौन सा बॉक्स सबसे ऊपर है?

A. T

B. Q

C. W

D. R

E. V

45. निम्न पांच में से चार किसी प्रकार समान हैं और एक समूह बनाते हैं। इनमें से कौन सा समूह से संबंधित नहीं है?

A. R

B. V

C. P

D. S

E. Q

46. बॉक्स Q और U की मंजिलों के बीच कितने बॉक्स हैं?

A. कोई नहीं

B. एक

C. दो

D. तीन

E. चार

निर्देश (47-51): नीचे दी गई जानकारी का अध्ययन करें और उस पर आधारित प्रश्नों के उत्तर दें:

एक विद्यालय के सात शिक्षक- गरिमा, हितेश, इप्सिता, जितन, कृति, लोकेश और महेश तीन अलग-अलग विषय अर्थात इतिहास, अर्थशास्त्र और रसायन विज्ञान पढ़ाते हैं। उनमें से प्रत्येक सोमवार से लेकर रविवार तक सप्ताह के अलग-अलग दिनों में पढ़ाता है (कोई भी दो व्यक्ति समान दिन नहीं पढ़ाते हैं)। एक विषय को कम से कम दो लोग पढ़ाते हैं और इतिहास केवल ऐसा विषय है जो तीन

लोग पढ़ाते हैं। गरिमा सोमवार को इतिहास पढ़ाती है। लोकेश ना तो मंगलवार ना शनिवार को अर्थशास्त्र पढ़ाता है। महेश रविवार को पढ़ाता है लेकिन रसायन विज्ञान नहीं पढ़ाता। वह जो अर्थशास्त्र पढ़ाता है मंगलवार को पढ़ाता है और जो रसायन विज्ञान पढ़ाता है वे शनिवार को पढ़ाता है। कृति बुधवार को पढ़ाती है। इप्सिता इतिहास पढ़ाती है लेकिन गुरुवार को नहीं पढ़ाती। हितेश रसायन विज्ञान नहीं पढ़ाता है।

- 47. ब्धवार को कौन पढ़ाता है?
  - A. गरिमा
- B. हितेश
- C. कृति
- D. महेश
- E. इनमें से कोई नहीं
- 48. शनिवार को कौन पढ़ाता है?
  - A. जतिन
- B. लोकेश
- C. हितेश
- D. महेश
- E. इनमें से कोई नहीं
- 49. दी गई जानकारी के अन्सार निम्न में से कौन सा संयोजन सत्य है?
  - A. लोकेश- गुरुवार- इतिहास
  - B. जतिन- बुधवार- रसायन विज्ञान
  - C. महेश- सोमवार- इतिहास
  - D. इप्सिता- शुक्रवार- अर्थशास्त्र
  - E. इनमें से कोई नहीं
- 50. हितेश के संदर्भ में निम्न में से कौन सा सत्य है?
  - A. इतिहास- ब्धवार
- B. अर्थशास्त्र- श्क्रवार
- C. अर्थशास्त्र- ग्रुवार D. अर्थशास्त्र- मंगलवार
- E. इनमें से कोई नहीं
- 51. अंतिम दिन कौन पढ़ाता है?
  - A. गरिमा
- B. इप्सिता
- C. महेश
- D. हितेश
- E. इनमें से कोई नहीं

निर्देश (52-54): नीचे दी गई जानकारी का अध्ययन करें और उस पर आधारित प्रश्नों के उत्तर एक परिवार में आठ सदस्य A, B, C, D, E, F, G और H हैं। यह एक तीन पीढ़ी का परिवार है और परिवार में दो विवाहित जोड़े हैं। प्रत्येक बच्चे के माता-पिता जीवित हैं। F, D का भाई है जो E के पिता हैं। H, G की चाची है और C की पुत्री है। B, G की माता है। C, F की माता है। G पुरुष है। परिवार में प्रूषों एवं महिलाओं की संख्या समान है।

- 52. E, B से किस प्रकार संबंधित है?
  - A. पिता
- B. भाई
- C. प्त्र
- D. प्त्री
- E. चाचा
- 53. C, B से किस प्रकार संबंधित है?
  - A. माता
- B. सिस्टर-इन-लॉ
- C. मदर-इन-लॉ
- D. चाची
- E. बहन
- निम्न में से कौन सा समूह से संबंधित नहीं है?
  - A. A C. D
- B. F D. B
- E. G
- निर्देश (55-57): नीचे दी गई जानकारी का अध्ययन करें और उस पर आधारित प्रश्नों के उत्तर

E, F के 9 मीटर दक्षिण में है। F, G के 5 मीटर पूर्व में है। G, H के 4 मीटर उत्तर में है। I, H के 3 मीटर पश्चिम में है। J, I के 7 मीटर दक्षिण में है। K, J के 8 मीटर पूर्व में है।

- यदि F, E के 5 मीटर पश्चिम में है, तो H और S के बीच दूरी जात करें?
  - A. 8 मीटर
- B. 9 मीटर
- C. 5 मीटर
- D. 2 मीटर
- E. 6 मीटर
- 56. F, K से कितनी दूरी पर और किस दिशा में है?
  - A. 11 मीटर दक्षिण में B. 7 मीटर उत्तर में
  - C. 11 मीटर उत्तर में D. 7 मीटर दक्षिण में
  - E. 11 मीटर पश्चिम में



- 57. यदि T, F के दक्षिण में 4 मीटर दूर है तो T के पश्चिम में 8 मीटर दूर कौन होगा?
  - A. I

B. J

C. H

D. K

E. इनमें से कोई नहीं

निर्देश (58-60): नीचे दी गई जानकारी का अध्ययन करें और उस पर आधारित प्रश्नों के उत्तर दें:

पांच व्यक्तियों S, M, N, T और D के बीच प्रत्येक की ऊंचाई भिन्न है। केवल दो व्यक्ति S से छोटे हैं। T, S से छोटा है लेकिन D से लंबा है। एक जो दूसरा सबसे लंबा है उसकी ऊंचाई 175 सें.मी. है।

- 58. दी गई जानकारी के संदर्भ में निम्न में से कौन सा कथन निश्चित रूप से सत्य है?
  - A. D निश्चित रूप से 175 सें.मी. है
  - B. M संभवत: 157 सें.मी. है
  - C. T, S से छोटा है
  - D. N, S से छोटा है
  - E. उपरोक्त में से कोई नहीं
- 59. यदि M की ऊंचाई 180 सें.मी. है, तो N की ऊंचाई निम्न में से क्या है?
  - A. 177 सें.मी
- B. 157 सें.मी
- C. 155 सें.मी
- D. 170 सें.मी
- E. 175 सें.मी
- 60. कितने व्यक्ति N से छोटे हैं?
  - A. 2
  - B. 3
  - C. 4
  - D. निर्धारित नहीं किया जा सकता
  - E. 1
- 61. शब्द 'TROUBLED' में ऐसे कितने अक्षर युग्म हैं जिनके बीच उतने ही अक्षर हैं जितने अंग्रेजी वर्णमाला में होते हैं?
  - A. 2

B. 3

C. 4

D. 5

E. 1

- 62. निर्देश: नीचे दिए गए प्रश्न में एक प्रश्न और दो कथन संख्या I और II दिए गए हैं। आपको यह निर्णय लेना है कि कथनों में उपलब्ध करवाया गया डेटा प्रश्न का उत्तर देने के लिए पर्याप्त है या नहीं। इस पर आधारित विकल्पों से अपने उत्तर का चयन करें।
  - H, T की माता है। T, W से किस प्रकार संबंधित है?
  - I. W, H की एकमात्र प्त्री है।
  - II. W, T की बहन है।
  - A. कथन I में दी गई जानकारी अकेले प्रश्न का उत्तर देने के लिए पर्याप्त है, जबिक कथन II में दी गई जानकारी अकेले प्रश्न का उत्तर देने के लिए पर्याप्त नहीं है।
  - B. कथन II में दी गई जानकारी अकेले प्रश्न का उत्तर देने के लिए पर्याप्त है, जबिक कथन I में दी गई जानकारी अकेले प्रश्न का उत्तर देने के लिए पर्याप्त नहीं है।
  - C. या तो कथन I में दी गई जानकारी या कथन II में दी गई जानकारी अकेले प्रश्न का उत्तर देने के लिए पर्याप्त है
  - D. दोनों कथनों I और II में दी गई जानकारी प्रश्नों के उत्तर देने के लिए पर्याप्त नहीं है
  - E. दोनों कथनों I और II में दी गई जानकारी प्रश्नों के उत्तर देने के लिए आवश्यक है
- 63. निर्देश: नीचे दिए गए प्रश्न में एक प्रश्न और दो कथन संख्या I और II दिए गए हैं। आपको यह निर्णय लेना है कि कथनों में दी गई जानकारी प्रश्न का उत्तर देने के लिए पर्याप्त है या नहीं। इस पर आधारित विकल्पों से अपने उत्तर का चयन करें। छह व्यक्ति अखिलेश, भावेश, सेंडी, दिवाकर, इरिका और फरहीन की ऊंचाई भिन्न-भिन्न है। इनमें से सबसे लंबा कौन है?

I. केवल दो व्यक्ति भावेश से लंबे हैं लेकिन केवल एक व्यक्ति इरिका से छोटा है। अखिलेश, सेंडी से लंबा है लेकिन सबसे लंबा नहीं है।

II. दिवाकर अखिलेश से लंबा है लेकिन फरहीन से छोटा है। अखिलेश, सेंडी से लंबा है लेकिन भावेश से छोटा है।

A. कथन I में दी गई जानकारी अकेले प्रश्न का उत्तर देने के लिए पर्याप्त है, जबिक कथन II में दी गई जानकारी अकेले प्रश्न का उत्तर देने के लिए पर्याप्त नहीं है।

B. कथन II में दी गई जानकारी अकेले प्रश्न का उत्तर देने के लिए पर्याप्त है, जबिक कथन I में दी गई जानकारी अकेले प्रश्न का उत्तर देने के लिए पर्याप्त नहीं है।

C. या तो कथन I में दी गई जानकारी या कथन II में दी गई जानकारी अकेले प्रश्न का उत्तर देने के लिए पर्याप्त है

D. दोनों कथनों I और II में दी गई जानकारी प्रश्नों के उत्तर देने के लिए पर्याप्त नहीं है

E. दोनों कथनों I और II में दी गई जानकारी प्रश्नों के उत्तर देने के लिए आवश्यक है

64. निर्देश: नीचे दिए गए प्रश्न में एक प्रश्न और दो कथन संख्या I और II दिए गए हैं। आपको यह निर्णय लेना है कि कथनों में दी गई जानकारी प्रश्न का उत्तर देने के लिए पर्याप्त है या नहीं। इस पर आधारित विकल्पों से अपने उत्तर का चयन करें। "Actor" के लिए क्या कोड है?

> I. किसी निश्चित कोड़ भाषा में, "road trip wine" को "bk mktk" के रूप में और "wine actor photo" को "gk rk bk" के रूप में लिखा जाता है।

> II. किसी निश्चित कोड़ भाषा में, "photo wine cycle" को "bk ak rk" के रूप में और "cycle actor photo" को "gk ak rk" के रूप में लिखा जाता है।

A. कथन I में दी गई जानकारी अकेले प्रश्न का उत्तर देने के लिए पर्याप्त है, जबकि कथन II में दी गई जानकारी अकेले प्रश्न का उत्तर देने के लिए पर्याप्त नहीं है।

B. कथन II में दी गई जानकारी अकेले प्रश्न का उत्तर देने के लिए पर्याप्त है, जबिक कथन I में दी गई जानकारी अकेले प्रश्न का उत्तर देने के लिए पर्याप्त नहीं है।

C. या तो कथन I में दी गई जानकारी या कथन II में दी गई जानकारी अकेले प्रश्न का उत्तर देने के लिए पर्याप्त है

D. दोनों कथनों I और II में दी गई जानकारी प्रश्नों के उत्तर देने के लिए पर्याप्त नहीं है

E. दोनों कथनों I और II में दी गई जानकारी प्रश्नों के उत्तर देने के लिए आवश्यक है

65. यदि शब्द RECREATIONAL के पहले, सातवें, नौंवे और दसवें अक्षर का एक बार उपयोग करके एक अर्थपूर्ण शब्द बनाना संभव है तो शब्द का तीसरा अक्षर कौन सा होगा? यदि ऐसे एक से अधिक शब्द बनाना संभव है तो अपना उत्तर 'X' दें। यदि ऐसा कोई शब्द नहीं बन सकता है तो अपना उत्तर 'Z' दें?

A. T B. X C. N D. R F. 7

66. दिशा निर्देश: निम्नलिखित संख्या श्रंखला में प्रश्न चिन्ह (?) के स्थान पर कौन सा मान आना चाहिए? 18, 29, 42, 53, ?, 77

A. 66 B. 64 C. 71 D. 65 E. 70

67. **निर्देश**: निम्न संख्या श्रंखला में प्रश्न चिन्ह (?) के स्थान पर कौन सा मान आना चाहिए?

36, 18, 6, 3, 1, ?

A. 0.25 B. 1.5 C. 0.5 D. 0.75 E. 2



68. निर्देश: निम्नलिखित संख्या श्रंखला में प्रश्न चिन्ह (?) के स्थान पर कौन सा मान आना चाहिए? 256, ?, 190, 167, 148, 131

A. 165

B. 219

C. 136

D. 216

E. 210

69. निर्देश: निम्नलिखित संख्या श्रंखला में प्रश्न चिन्ह (?) के स्थान पर कौन सा मान आना चाहिए? 8, 6, 9, 23, ?

A. 53

B. 145

C. 110

D. 75

E. 87

70. निर्देश: निम्न संख्या श्रंखला में प्रश्न चिन्ह (?) के स्थान पर कौन सा मान आना चाहिए?

1, 244, 163, 190, 181, ?,

A. 188

B. 198

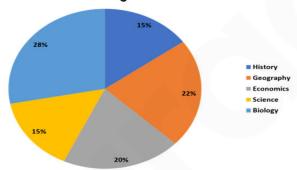
C. 221

D. 184

E. 196

निर्देश (71-75): नीचे पाई चार्ट दिया गया है जो विभिन्न विषयों में अध्ययन करने वाले छात्रों के प्रतिशत वितरण को दर्शाता है।

छात्रों की क्ल संख्या = 3000



71. अर्थशास्त्र, जीव विज्ञान तथा भूगोल विषय का अध्ययन करने वाले छात्रों की औसत संख्या क्या है?

A. 730

B. 700

C. 850

D. 780

E. इनमें से कोई नहीं

72. यदि अर्थशास्त्र का अध्ययन करने वाले 75% छात्र परीक्षा में उपस्थित होते हैं और उपस्थित होने वाले छात्रों में से 80% छात्रों ने परीक्षा को पास किया। तो कितने छात्र परीक्षा में अनुत्तीर्ण हए?

B. 120

C. 40

D. 50

E. 60

भूगोल और विज्ञान का एक-साथ अध्ययन करने 73. वाले छात्रों की संख्या तथा अर्थशास्त्र और जीवविज्ञान का एक-साथ अध्ययन करने वाले छात्रों की संख्या के बीच क्या अंतर है?

A. 310

B. 450

C. 370

D. 330

E. इनमें से कोई नहीं

74. यदि जीव विज्ञान में प्रुषों और महिलाओं का अनुपात 4:3 है। तो जीव विज्ञान के छात्रों में पुरूषों और महिलाओं के बीच क्या अंतर है?

A. 110

B. 70

C. 120

D. 100

E. इनमें से कोई नहीं

75. यदि इतिहास का अध्ययन करने वाले 20% छात्र और विज्ञान का अध्ययन करने वाले 40% छात्र महिलाएंर हैं। तो विज्ञान और इतिहास दोनों का अध्ययन करने वाले पुरुष छात्रों की कुल संख्या क्या है?

> A. 630 C. 700

B. 660

E. 650

D. 750

76. निर्देश: निम्न प्रश्न में प्रश्न चिन्ह (?) के स्थान पर कौन सा मान आना चाहिए?

1234 + 2345 - 3456 + 4567 = ?

A. 4590

B. 4680

C. 4670

D. 4690

E. इनमें से कोई नहीं

77. निर्देश: निम्न प्रश्न में प्रश्न चिन्ह (?) के स्थान पर कौन सा मान आना चाहिए?

 $115 \div 5 + 12 \times 6 = ? + 64 \div 4 - 35$ 

A. 95 C. 102 B. 136 D. 74

E. 114

निर्देश: निम्न प्रश्न में प्रश्न चिन्ह (?) के स्थान पर कौन सा मान आना चाहिए?

> 45% of  $400+\sqrt{x}=56\%$  of 750-40% of 350

A. 10000

B. 1000

C. 10201

D. 9801

E. 10404

- 79. एक नाव धारा की विपरीत दिशा में 24कि.मी की दूरी को 6 घंटे में और धारा की दिशा में 20 कि.मी की दूरी को 4घंटे में तय करती है। शांत जल में क्रमश: नाव की गति एवं धारा की गति ज्ञात करें?
  - A. 4.5 कि.मी/घंटा और 3 कि.मी/घंटा
  - B. 4.5 कि.मी/घंटा और 0.5 कि.मी/घंटा
  - C. 4 कि.मी/घंटा और 2 कि.मी/घंटा
  - D. 5 कि.मी/घंटा और 2 कि.मी/घंटा
  - E. इनमें से कोई नहीं
- 80. यदि P, मूलधन को 9% साधारण ब्याज पर 4 वर्षी तक निवेश किया गया है | यदि यही मूलधन एक अन्य योजना में निवेश किया जाता जिसमें 12% साधारण ब्याज पर 2 वर्षों के लिए निवेश किया जाता, तब इसका ब्याज पहले की त्लना मे 480 रुपए कम होता | तो मूलधन P, का मान ज्ञात करे?

A. 2000

B. 3500

C. 2500

D. 4000

E. 3000

- 81. एक कक्षा में 80 लड़कों की औसत आय् 15 साल है। कक्षा में 15 लड़कों के एक समूह की औसत आय् 16 वर्ष है और कक्षा में 25 अन्य लड़कों की औसत आय् 14 वर्ष है। कक्षा में शेष लड़कों की औसत आय् क्या है?
  - A. 15.25 वर्ष
  - B. 14 वर्ष
  - C. 14.75 वर्ष
  - D. निर्धारित नहीं किया जा सकता
  - E. इनमें से कोई नहीं

82. दो साझेदारों ने एक व्यवसाय में क्रमश: 12500 रुपये और 8500 रुपये निवेश किए और वे इस बात पर सहमत हुए कि लाभ का 60% उनके बीच बराबर मात्रा में बांटा जाएगा और शेष लाभ को पूंजी पर ब्याज माना जाएगा। यदि एक साझेदार को दूसरे की अपेक्षा 240 रुपये अधिक मिले हों तो व्यापार में ह्आ कुल लाभ ज्ञात करें?

A. 3250 रुपये

B. 4050रुपये

C. 3550रुपये

D. 3150रुपये

E. इनमें से कोई नहीं

83. यदि आयत के क्षेत्रफल और इसके परिमाप का अन्पात 60:11 है। तथा लम्बाई और चौड़ाई का अन्पात 6:5 है। तो आयत की लंबाई ज्ञात करें।

A. 40 यूनिट

B. 30 यूनिट

C. 13 युनिट

D. 24 युनिट

E. 56 यूनिट

निर्देश: प्रत्येक प्रश्न में मात्रा I तथा मात्रा II शामिल 84. है। सामग्री को ध्यानपूर्वक पढ़ें तथा तद्नन्सार प्रश्नों के उत्तर दें।

> मात्रा I: यदि आयत की लंबाई 20% बढ़ जाती है जबिक आयत की चौड़ाई 10% कम हो जाती है तो आयत के क्षेत्रफल में प्रतिशत परिवर्तन जात करें? मात्रा II: यदि त्रिभ्ज की भ्जा में 30% की वृद्धि हुई है जबिक त्रिभ्ज की ऊंचाई 20% कम हो गई है तो त्रिभ्ज के क्षेत्रफल में प्रतिशत परिवर्तन ज्ञात करें?

A. मात्रा I > मात्रा II B. मात्रा I ≥ मात्रा II

C. मात्रा I< मात्रा II D. मात्रा I < मात्रा II

E. मात्रा I = मात्रा II या संबंध स्थापित नहीं किया जा सकता

निर्देश: प्रत्येक प्रश्न में मात्रा I तथा मात्रा II शामिल है। सामग्री को ध्यानपूर्वक पढ़ें तथा तद्नन्सार प्रश्नों के उत्तर दें।

> मात्रा I: 5:6:10 के अन्पात में तीन संख्याएं हैं। सबसे बड़ी और छोटी संख्याओं का योग अन्य संख्या की त्लना में 126 अधिक है। सबसे बड़ी संख्या जात करें?

मात्रा II: पहली संख्या का 12%, दूसरी संख्या के 25% के बराबर है। इन दो संख्याओं का अंतर 78 है। तो सबसे बड़ी संख्या ज्ञात करें?

A. मात्रा I > मात्रा I B. मात्रा I ≥ मात्रा II

C. मात्रा I < मात्रा II D. मात्रा I < मात्रा II

E. मात्रा I = मात्रा II या संबंध स्थापित नहीं किया जा सकता

86. निर्देश: प्रत्येक प्रश्न में मात्रा I तथा मात्रा II शामिल है। सामग्री को ध्यानपूर्वक पढ़ें तथा तद्ननुसार प्रश्नों के उत्तर दें।

मात्रा I: 3 साल पहले A और B की आयु का अनुपात 3:4 है, 2 साल बाद उनकी आयु का योग 45 है। तो A की वर्तमान आयु ज्ञात करें? मात्रा II: 5 साल पहले, P और Q की आयु का अनुपात 3:4 है, P की आयु 6 साल बाद Q की वर्तमान आयु के बराबर है। तो P की वर्तमान आयु ज्ञात करें?

A. मात्रा I > मात्रा II
 B. मात्रा I ≥ मात्रा II
 C. मात्रा I < मात्रा II</li>
 D. मात्रा I < मात्रा II</li>
 E. मात्रा I = मात्रा II या संबंध स्थापित नहीं
 िकया जा सकता

87. निर्देश: प्रत्येक प्रश्न में मात्रा I तथा मात्रा II शामिल है। सामग्री को ध्यानपूर्वक पढ़ें तथा तद्ननुसार प्रश्नों के उत्तर दें।

मात्रा I: 5% प्रतिवर्ष की दर पर 3 साल के लिए एक निश्चित राशि पर साधारण ब्याज 4800 रुपये है। तो मूलधान क्या है?

मात्रा II: 6% प्रतिवर्ष की दर से 2 साल के लिए एक निश्चित राशि पर चक्रवृद्धि ब्याज 3708 रुपये है। तो मुलधन क्या है?

A. मात्रा I >मात्रा II B. मात्रा I ≥मात्रा II C. मात्रा I <मात्रा II D. मात्रा I ≤मात्रा II E. मात्रा II =मात्रा II या संबंध स्थापित नहीं किया जा सकता

88. निर्देश: प्रत्येक प्रश्न में मात्रा I तथा मात्रा II शामिल है। सामग्री को ध्यानपूर्वक पढ़ें तथा तद्ननुसार प्रश्नों के उत्तर दें।

मात्रा I: वीपिन स्थिर पानी में 6 कि.मी./घंटा की गित से तैर सकता है। नदी 3 कि.मी./घंटा की दर से बहती है और इसे उसी दूरी को अपस्ट्रीम फिर डाउनस्ट्रीम तय करने में 8 घंटे अधिक लगते हैं। जगह कितनी दूर है?

मात्रा II: एक आदमी स्थिर पानी में 25 कि.मी./घंटा की गति से नाव चला सकता है और नदी 15 कि.मी./घंटा पर बह रही है। यदि आदमी एक स्थान पर जाने और आने में 2 घंटे लगाता है, तो जगह कितनी दूर है?

A. मात्रा I >मात्रा II B. मात्रा I ≥मात्रा II C. मात्रा I <मात्रा II D. मात्रा I ≤मात्रा II E. मात्रा I =मात्रा II या संबंध स्थापित नहीं किया जा सकता

89. निर्देश: निम्नलिखित प्रश्नों में दो समीकरण I और IIदिए गए हैं। आपको दोनों समीकरणों को हल करना है और अपना उत्तर देना है।

$$x^2 - 11x + 28 = 0$$

$$y^2 - 18y + 81 = 0$$

B. 
$$x < y$$

C. x=y, या x और y के बीच में कोई संबंध स्थापित नहीं किया जा सकता

D. 
$$x \ge y$$

90. 
$$3x^2 - 14x + 16 = 0$$
  
 $5y^2 - 16y + 12 = 0$ 

B. 
$$x < y$$

C. x=y, या x और y के बीच में कोई संबंध स्थापित नहीं किया जा सकता

D. 
$$x \ge y$$



91. **दिशा-निर्देश:** दिए गए इन प्रश्नों में, दो समीकरण दिए गए हैं। आपको इन समीकरणों को हल करना है और इन प्रश्नों का उत्तर देना है:

I.  $2x^2 + 19x + 42 = 0$ 

II.  $4y^2 + 43y + 30 = 0$ 

A. x>y

B. x<y

C. x≥y

D. x≤y

- E. x=y या 'x' और 'y' में सम्बन्ध स्थापित नहीं किया जा सकता है।
- 92. निर्देश: निम्नलिखित प्रत्येक प्रश्न में दो समीकरण I और II दिए गए हैं| दोनों समीकरण को हल करें और उत्तर चुने:

I.  $x^2 + 2x - 195 = 0$ 

II.  $y^2 + 30y + 225 = 0$ 

A. x = y अथवा x और y के मध्य सम्बन्ध स्थापित नहीं किया जा सकता

B. x > y

C. x < y

D. x ≥ y

E. x <u><</u> y

93. **निर्देश**: निम्न प्रश्न में दो समीकरण दी गई हैं| दोनों समीकरणों को हल कीजिये तथा उत्तर दीजिये|

**I.**  $2x^2 - 13x - 189 = 0$ 

**II.**  $2y^2 - 3y - 189 = 0$ 

A. x>y

B. x≥y

C. x<y

D. x≤y

- E. x=y अथवा सम्बन्ध स्थापित नहीं किया जा सकता है
- 94. दो संख्या P एवं Q, संख्या X की तुलना में 20% और 28% कम हैं। तो संख्या Q, संख्या P की तुलना में कितने प्रतिशत कम है?

A. 10%

B. 23%

C. 12%

D. 13%

E. 15 %

95. सुनील और अनिल की आयु क्रमश: 8:7 के अनुपात में है, 6 साल बाद, उनकी आयु का अनुपात 19:17 होगा। उनकी वर्तमान आयु में कितना अंतर है? A. 10 वर्ष

B. 6 वर्ष

C. 8 वर्ष

D. 4 वर्ष

E. 12 वर्ष

96. **निर्देश**: निम्न प्रश्न में प्रश्न चिन्ह (?) के स्थान पर कौन सा मान आना चाहिए?

 $600 + 300 \div 15 = ? \times 31$ 

A. 18

B. 25

C. 40

D. 20

E. 15

97. निर्देश: निम्न प्रश्न में प्रश्न चिन्ह (?) के स्थान पर कौन सा मान आना चाहिए?

 $65\% \times 700 + \sqrt{196 - 9} \times 3 = ?$ 

A. 522

B. 442

C. 402

D. 362

E. 592

98. निर्देश: निम्न प्रश्न में प्रश्न चिन्ह (?) के स्थान पर कौन सा मान आना चाहिए?

600 का 41% - 250 = ? - 900 का 77%

A. 889

B. 589

C. 789 E. 489 D. 689

99. निर्देश: निम्न प्रश्न में प्रश्न चिन्ह (?) के स्थान पर कौन सा मान आना चाहिए?

 $12.5 \times 3.2 \times 8.8 = ?$ 

A. 358

B. 355

C. 354

D. 356

E. इनमे से कोई नहीं

100. निर्देश: निम्न प्रश्न में प्रश्न चिन्ह (?) के स्थान पर कौन सा मान आना चाहिए?

 $52000 \div 40 \div 65 \times 30 = ? - \sqrt{400}$ 

A. 580

B. 620 D. 780

C. 720 E. 480

\*\*\*



## **Solutions**

### 1. Ans. E.

According to the sixth paragraph of the passage, "Leaving aside the **tax receipt**s, the other sources of the revenue which go into the Budget are the **dividends paid by the PSUs** on the government shareholdings, including the interim **dividends** and the **capital receipts** on account of the divestment of the government shareholdings." Thus, option E is the correct answer.

2. Ans. D.

Read the fourth paragraph carefully. Statement 1 as stated is the primary function of the Department of Revenue. On the other hand, statements 2 and 3 are the functions of the Department of Expenditure. Thus, option D is the correct answer.

### 3. Ans. A.

According to the seventh paragraph of the passage, "Revenue deficit indicates the excess of expenditure over receipts in the revenue budget of the government. Revenue deficit means the government is not able to finance its day to day expenses or what we call the current expenditure out of its normal revenue sources like taxes." Only option A can b inferred from this. Thus, option A is the correct answer.

## 4. Ans. C.

According to the third paragraph of the passage, "A very common reason people get into **serious debt** is by failing to live within their means. They **use credit to supplement their wants**, but eventually this will cause financial trouble." Hence, in order to fulfil their needs people tend to ake credit and ultimately end up indebted. Thus, option C is the correct answer.

5. Ans. C.

According to the eight paragraph of the passage, "In India, the central government's budget had a surplus until 1977. But in 1978 budget, revenue deficit appeared for the first time. Since then there is revenue deficit in all years and the government is borrowing to finance the revenue deficit.". Clearly, option C is the correct answer.

6. Ans. B.

"To aid" means to give financial or material help. So, option B is the best-fit answer. Amplify- increase

7. Ans. D.

"Interim" means in or for the intervening period; provisional. Options B and C are synonyms of the word and A and E are irrelevant. "Permanent" is the word which best explains the opposite meaning of "interim". Thus, option D is the correct answer.

8. Ans. D.

The error lies in the 4th part of the sentence. The subject is 'the ruling party' which is singular; hence 'their' should be replaced by 'its' as their is a possessive pronoun for plural subjects and its is the possessive for singular subjects.

9. Ans. B.

The error lies in the second part of the sentence.

The correct usage for transfer is 'from......to......' and not 'through.....to......'.

Hence, 'through' must be replaced with 'from'.

10. Ans. C.

The error lies in the third part of the sentence.

The word 'along' is unnecessary and must be omitted.

Along denotes accompaniment. The context of the sentence doesn't talk about accompaniment.

11. Ans. B.

The error lies in the second part of the sentence. The form V + -ing is called a *gerund* if it serves as a noun. In the given sentence "to" has been used as a preposition (in a prepositional phrase) and not an infinitive, thus, the gerund form "seeing" is correct. E.G. I look **forward to** meeting my relatives. Thus, option B is correct. Here, 'used to' is used in the present tense to indicate that one has a habit of doing something.



### 12. Ans. C.

The error lies in the third part of the sentence.

Use of 'than' suggests that the sentence makes a comparison between two people. In such a case comparative degree is used before the adjective. Therefore, more should be written before knowledgeable.

13. Ans. B.

The error lies in the second part of the sentence.

Thoroughly should be replaced by thorough. Thoroughly has been derived the term thorough.

Thoroughly is used as an adverb and means in a thorough or complete manner. Thorough is used as an adjective and means carefully without missing or omitting any detail. The word reading has been used as a noun and should be qualified by an adjective.

14. Ans. A.

The error lies in the first part of the sentence.

After superlative adjectives, majorly two prepositions are used: of and in.

We use **in** with a singular word referring to a place or group.

Eg: I am the happiest woman in the world. We use **of** before plurals, before time periods such as year/month.

Eg: Sunday is the best day of the week. Here, in this case, the subject is the 'school', thus, it should be 'in the school'.

15. Ans. E.

There is no error in the sentence.

16. Ans. D.

The given sentence is in simple present tense and states a general fact, hence the latter half of the sentence with the blank will also be in the simple present tense. Since the subject in the latter part of the sentence is singular .i.e. 'the number', the verb will be followed accordingly.

Hence, option D is the correct answer. 17. Ans. B.

The trick here is to follow the structure of the statement. The blank is followed by 'of' and thus the blank will take a filler that can be followed grammatically by 'of' and also

manages to give a proper meaning. On the basis of these filters, none of the options except option B makes any sense. 18. Ans. B.

'Cautious' can be used to make the sentence meaningful which means alert or be careful. The context of the statement is that of the monsoon season being a bit troublesome due to slippery roads which need to be navigated with care. 'Prepared' and 'smart' may appear to be true but we need to choose the most suitable response which in this case is 'cautious'.

Hence, 'cautious' is the correct answer. 19. Ans. C.

To settle a dispute, one needs to have a sound decision-making ability to be able to judge both the sides. Also, a judge is a free body to decide upon any issue.

'Know' is a verb which means to be aware of through observation, inquiry, or information. 'Tactics' refer to an action or strategy carefully planned to achieve a specific end. A judge doesn't need tactics to make a judgment.

'Discretion' means the freedom to decide what should be done in a particular situation. 'Brains' refer to the intellectual capacity. 'Bias' means inclination or prejudice for or against one person or group, especially in a way considered to be unfair.

Hence option C is the correct response.

20. Ans. A.

Judgement means the ability to make considered decisions or come to sensible conclusions.

Progress means advancement.

Policy means a strategy or an approach.

Dissent means lack of approval.

Action means activity.

The Board members are usually involved in making decisions. Hence, a word that conveys the related meaning should be used to fill the blank. No other word except judgement makes sense in the given context. Hence, 'judgement' is the correct answer.



### 21. Ans. A.

Clearly, only segment Q fits after the first segment. This eliminates all the options except A.

Option B: It is incorrect because it ends in S which ends in 'towards' which can't be used to any statement.

Option C: It is incorrect for the same reason as option B.

Option D: 'towards their plight further worsened' makes no sense; hence it can be eliminated.

Option E: R is a clear misfit after the first segment; hence it can also be eliminated. Hence, the correct sequence is QSRP.

## 22. Ans. A.

'an' at the end of the first fixed segment indicates that Q, R and S can't follow the first segment.

This leaves us with only one choice i.e. P. This eliminates options B, D, and E.

There are only two such options: option A and C.

Option C can be eliminated since part S ends with 'the' which can't be used as the end of the master statement.

Hence, the correct sequence is PRSQ.

## 23. Ans. C.

This question can be best solved by the elimination technique.

'was delayed budget allocation', 'was delayed industry which' and 'was delayed debating over' do not make sense; hence P, Q and S can't follow the first segment.

This eliminates options A, B and D.
Option E places S after R which makes the resultant segment as 'lawmakers were busy industry' which is illogical; hence option E can also be eliminated.

Hence, the correct sequence is RQPS.

### 24. Ans. A.

The most logical segment that can follow the first segment is R, 'being arranged into a stack'.

This leaves us with only one option i.e. option A.

Hence, the correct answer is RSQP.

### 25. Ans. D.

Clearly, R and S can't follow the first segment. This eliminates option A. Option B: It is incorrect since P ends with was, which can't be used to end the statement.

Option C: It is incorrect since the statement can't end in 'by a prolonged'.

Option D: It makes a coherent statement; hence put it on hold.

Option E: It is incorrect because P ends in 'was' and Q begins with 'was'. Two 'was' can't be used together.

Hence, the correct sequence is PRQS.

## 26. Ans. A.

The idiom "blow off steam" means to express one's anger, usually noisily and harmlessly, thereby relieving one's tension. The above sentence states that one should not waste one's time and utilise it in releasing negative energies to get charged up. Only option A goes with this meaning, hence option A is correct.

## 27. Ans. B.

The phrase "pardon my French" is usually used humorously to denote an excuse for using taboo words or inappropriate words. The above sentence speaks of a person asking another person to excuse him for using inappropriate language during their discussion. Out of the given option, option B is correct.

## 28. Ans. E.

"Look over" means to examine something closely. The correct answer is option E. Belittle means to undervalue someone or something.

Pioneer means to introduce or start.

### 29. Ans. C.

The idiom "to hear it on the grapevine" means to hear about something from informal communication or to hear a gossip. The above sentence talks about the rumour that is spread about the number of vacancies for various posts. Hence, option C is correct.



30. Ans. C.

A forcible escape from a prison is called a breakout. The correct answer is option C. Perpetuate means to preserve or continue. Hence option C is the correct response.

31. Ans. E.



Thus after arranging the letters as per English alphabetical series; we get;  $M \supset B \vdash K \setminus X$ 

### B F J K M X

Thus 4<sup>th</sup> letter from the left end will be K. 32. Ans. C.

648 384 296 444 763 521

468 834 926 444 673 251

After rearranging

926 834 673 468 444 251

Hence, option C is the correct response.

33. Ans. B.

648 384 296 444 763 521

848 485 694 446 369 127

After rearranging

848 694 485 446 369 127

Hence, option B is the correct response.

34. Ans. B.

648 384 296 444 763 521

After rearrangement.

296 384 444 521 648 763

648 - 444 = 204

35. Ans. C.

648 384 296 444 763 521

After rearrangement

537 373 195 333 753 511

Hence, C is the correct response.

36. Ans. D.

648 384 296 444 763 521

2<sup>nd</sup> highest number – 648

4th lowest number - 521

8/2 = 4

37. Ans. C.

All the persons are at the end except B.

• Two persons are sitting between M and N. Neither of them is at corner. The one who is facing D is neighbor of N.

### Case 1A:

Row 1		N		M	
Row 2	D				

### Case 1B:

Row 1		N		M	
Row 2	, and the second		D	, and the second	

## Case 2A:

Row 1	M		N	
Row 2				D

#### Case 2B:

Row 1	M		N	
Row 2		D		

## Take case 1A:

O is 2<sup>nd</sup> to the right of Q. O is not neighbor of N. The one who is facing O is 2<sup>nd</sup> to the left of F. More than two people sit between C and B it means at least 3 people sit between C and B from this cannot be possible so this case gets rejected.

	_				
Row 1		N	0	M	Q
Row 2	D				F

### Take case 1B:

O is 2<sup>nd</sup> to the right of Q. O is not neighbor of N. The one who is facing O is 2<sup>nd</sup> to the left of F. More than 2 people sit between E and the one who is facing M so E must be at the left end. More than two people sit between C and B it means at least 3 people sit between C and B from this cannot be possible so this case gets rejected.

		,				
Row 1		N		0	M	Q
Row 2	F		D			C

### Take case 2A:

O is 2<sup>nd</sup> to the right of Q. O is not neighbor of N. The one who is facing O is 2<sup>nd</sup> to the left of F. More than 2 people sit between E and the one who is facing M it means 3 people are between them but from this cannot be possible so this case gets rejected.

Row 1	0	M	Q	N	
Row 2			F		D

#### Take case 2B:

O is 2<sup>nd</sup> to the right of Q. O is not neighbor of N. The one who is facing O is 2<sup>nd</sup> to the left of F. More than 2 people sit between E and the one who is facing M so E must be at the right end. More than two people sit between C and B it means at least 3 people sit between C and B so either C or B at the left



end. P is not at any corner so P is facing D and R must be at the end. The immediate neighbor of R is facing B it means N is facing B and C must be at the end and A is facing M.

## Here is the final arrangement:

		-	-	•		
Row 1	0	M	Q	P	N	R
Row 2	С	A	F	D	В	Е

38. Ans. D.

D is facing P.

• Two persons are sitting between M and N. Neither of them is at corner. The one who is facing D is neighbor of N.

### Case 1A:

Row 1		N		M	
Row 2	D				

## Case 1B:

Row 1	N		M	
Row 2		D		

### Case 2A:

Row 1	M		N	
Row 2				D

## Case 2B:

Row 1	M		N	
Row 2		D		

## Take case 1A:

O is  $2^{nd}$  to the right of Q. O is not neighbor of N. The one who is facing O is  $2^{nd}$  to the left of F. More than two people sit between C and B it means at least 3 people sit between C and B from this cannot be possible so this case gets rejected.

Row 1		N	0	M	Q
Row 2	D				F

## Take case 1B:

O is 2<sup>nd</sup> to the right of Q. O is not neighbor of N. The one who is facing O is 2<sup>nd</sup> to the left of F. More than 2 people sit between E and the one who is facing M so E must be at the left end. More than two people sit between C and B it means at least 3 people sit between C and B from this cannot be possible so this case gets rejected.

Row 1		N		0	M	Q
Row 2	Е		D			F

## Take case 2A:

O is 2<sup>nd</sup> to the right of Q. O is not neighbor of N. The one who is facing O is 2<sup>nd</sup> to the left of F. More than 2 people sit between E and

the one who is facing M it means 3 people are between them but from this cannot be possible so this case gets rejected.

Row 1	0	M	Q	N	
Row 2			F		D

### Take case 2B:

O is 2<sup>nd</sup> to the right of Q. O is not neighbor of N. The one who is facing O is 2<sup>nd</sup> to the left of F. More than 2 people sit between E and the one who is facing M so E must be at the right end. More than two people sit between C and B it means at least 3 people sit between C and B so either C or B at the left end. P is not at any corner so P is facing D and R must be at the end. The immediate neighbor of R is facing B it means N is facing B and C must be at the end and A is facing M

## Here is the final arrangement:

Row 1	0	M	Q	P	N	R
Row 2	С	A	F	D	В	Е

39. Ans. D.

3 persons sit between O and N.

• Two persons are sitting between M and N. Neither of them is at corner. The one who is facing D is neighbor of N.

## Case 1A:

Row 1		N		M	
Row 2	D				

#### Case 1B:

Row 1		N			M					
Row 2			D							

## Case 2A:

Row 1	M		N	
Row 2				D

## Case 2B:

Row 1	M		N	
Row 2		D		

### Take case 1A:

O is 2<sup>nd</sup> to the right of Q. O is not neighbor of N. The one who is facing O is 2<sup>nd</sup> to the left of F. More than two people sit between C and B it means at least 3 people sit between C and B from this cannot be possible so this case gets rejected.

Row 1		N	0	M	Q
Row 2	D				F



### Take case 1B:

O is 2<sup>nd</sup> to the right of Q. O is not neighbor of N. The one who is facing O is 2<sup>nd</sup> to the left of F. More than 2 people sit between E and the one who is facing M so E must be at the left end. More than two people sit between C and B it means at least 3 people sit between C and B from this cannot be possible so this case gets rejected.

<u></u>							
Row 1		N		0	M	Q	
Row 2	Е		D			F	

### Take case 2A:

O is 2<sup>nd</sup> to the right of Q. O is not neighbor of N. The one who is facing O is 2<sup>nd</sup> to the left of F. More than 2 people sit between E and the one who is facing M it means 3 people are between them but from this cannot be possible so this case gets rejected.

Row 1	0	M	Q	N	
Row 2			F		D

## Take case 2B:

O is 2<sup>nd</sup> to the right of Q. O is not neighbor of N. The one who is facing O is 2<sup>nd</sup> to the left of F. More than 2 people sit between E and the one who is facing M so E must be at the right end. More than two people sit between C and B it means at least 3 people sit between C and B so either C or B at the left end. P is not at any corner so P is facing D and R must be at the end. The immediate neighbor of R is facing B it means N is facing B and C must be at the end and A is facing M.

## Here is the final arrangement:

		-				
Row 1	0	M	Q	P	N	R
Row 2	С	A	F	D	В	Е

40. Ans. B.

R is 3<sup>rd</sup> to the left of Q.

• Two persons are sitting between M and N. Neither of them is at corner. The one who is facing D is neighbor of N.

## Case 1A:

Row 1		N		M	
Row 2	D				

## Case 1B:

Row 1	N		M	
Row 2		D		

## Case 2A:

Row 1	M		N	
Row 2		·		D

## Case 2B:

3.33 = 2.									
Row 1		M			N				
Row 2				D					

## Take case 1A:

O is 2<sup>nd</sup> to the right of Q. O is not neighbor of N. The one who is facing O is 2<sup>nd</sup> to the left of F. More than two people sit between C and B it means at least 3 people sit between C and B from this cannot be possible so this case gets rejected.

Row 1		N	0	M	Q
Row 2	D				F

## Take case 1B:

O is 2<sup>nd</sup> to the right of Q. O is not neighbor of N. The one who is facing O is 2<sup>nd</sup> to the left of F. More than 2 people sit between E and the one who is facing M so E must be at the left end. More than two people sit between C and B it means at least 3 people sit between C and B from this cannot be possible so this case gets rejected.

Row 1		N		0	M	Q
Row 2	Е		D			F

## Take case 2A:

O is 2<sup>nd</sup> to the right of Q. O is not neighbor of N. The one who is facing O is 2<sup>nd</sup> to the left of F. More than 2 people sit between E and the one who is facing M it means 3 people are between them but from this cannot be possible so this case gets rejected.

Row 1	0	M	Q	N	
Row 2			F		D

## Take case 2B:

O is 2<sup>nd</sup> to the right of Q. O is not neighbor of N. The one who is facing O is 2<sup>nd</sup> to the left of F. More than 2 people sit between E and the one who is facing M so E must be at the right end. More than two people sit between C and B it means at least 3 people sit between C and B so either C or B at the left end. P is not at any corner so P is facing D and R must be at the end. The immediate neighbor of R is facing B it means N is facing B and C must be at the end and A is facing M

## Here is the final arrangement:

		_				
Row 1	0	M	Q	P	N	R
Row 2	С	Α	F	D	В	Е

41. Ans. C.

A and M are facing each other.

• Two persons are sitting between M and N. Neither of them is at corner. The one who is facing D is neighbor of N.

## Case 1A:

Row 1		N		M	
Row 2	D				

### Case 1B:

Row 1	N		M	
Row 2		D		

## Case 2A:

Row 1	M		N	
Row 2				D

### Case 2B:

Row 1	M		N	
Row 2		D		

## Take case 1A:

O is 2<sup>nd</sup> to the right of Q. O is not neighbor of N. The one who is facing O is 2<sup>nd</sup> to the left of F. More than two people sit between C and B it means at least 3 people sit between C and B from this cannot be possible so this case gets rejected.

Row 1		N		0	M	Q
Row 2	D					ī

## Take case 1B:

O is 2<sup>nd</sup> to the right of Q. O is not neighbor of N. The one who is facing O is 2<sup>nd</sup> to the left of F. More than 2 people sit between E and the one who is facing M so E must be at the left end. More than two people sit between C and B it means at least 3 people sit between C and B from this cannot be possible so this case gets rejected.

Ĺ	ease gets rejected.								
	Row 1		N		0	M	Q		
ſ	Row 2	Е		D			F		

## Take case 2A:

O is  $2^{nd}$  to the right of Q. O is not neighbor of N. The one who is facing O is  $2^{nd}$  to the left of F. More than 2 people sit between E and the one who is facing M it means 3 people are between them but from this cannot be possible so this case gets rejected.

Row 1	0	M	Q	N	
Row 2			F		D

### Take case 2B:

O is 2<sup>nd</sup> to the right of Q. O is not neighbor of N. The one who is facing O is 2<sup>nd</sup> to the left of F. More than 2 people sit between E and the one who is facing M so E must be at the right end. More than two people sit between C and B it means at least 3 people sit between C and B so either C or B at the left end. P is not at any corner so P is facing D and R must be at the end. The immediate neighbor of R is facing B it means N is facing B and C must be at the end and A is facing M

## Here is the final arrangement:

		-	_			
Row 1	0	M	Q	P	N	R
Row 2	С	A	F	D	В	Е

42. Ans. D.

Thus P lives on the 5th number floor.

8 <sup>th</sup> box	W
7 <sup>th</sup> box	Q
6 <sup>th</sup> box	V
5 <sup>th</sup> box	Р
4 <sup>th</sup> box	Т
3 <sup>rd</sup> box	R
2 <sup>nd</sup> box	U
1 <sup>st</sup> box	S

Hence Option D is correct.

43. Ans. A.

U lives exactly between the floors of R and S.

	•
8 <sup>th</sup> box	W
7 <sup>th</sup> box	Q
6 <sup>th</sup> box	V
5 <sup>th</sup> box	Р
4 <sup>th</sup> box	Т
3 <sup>rd</sup> box	R
2 <sup>nd</sup> box	U
1st box	S

Hence Option A is correct



# 44. Ans. C.

W lives on the topmost floor.

8 <sup>th</sup> box	W
7 <sup>th</sup> box	Q
6 <sup>th</sup> box	V
5 <sup>th</sup> box	Р
4 <sup>th</sup> box	T
3 <sup>rd</sup> box	R
2 <sup>nd</sup> box	U
1st box	S

Hence Option C is correct

45. Ans. B.

All the others occur at odd places except V which occurs at even place. Thus V does not belong to the group.

8 <sup>th</sup> box	W
7 <sup>th</sup> box	Q
6 <sup>th</sup> box	V
5 <sup>th</sup> box	Р
4 <sup>th</sup> box	Т
3 <sup>rd</sup> box	R
2 <sup>nd</sup> box	U
1 <sup>st</sup> box	S

Hence Option B is correct

46. Ans. E.

The solution to the above puzzle is:

4 persons that is V, P, T and R live between O and U.

W
Q
V
Р
Т
R
U
S

Hence Option E is correct

## 47. Ans. C.

History taught by Garima on

Monday. Mahesh teaches on Sunday but not Chemistry. The one who taught Economics teach on Tuesday and the one who taught Chemistry teach on Saturday. Kriti teaches on Wednesday. Ipsita teach History but not on Thursday. That means Ipsita teaches on friday. Lokesh teaches Economics but neither on Tuesday nor on Saturday. That means lokesh teaches on Thursday. Mahesh teaches on Sunday but not Chemistry. So chemistry will come on wednesday. Hitesh did not teach Chemistry.

## So the final arrangement is,

Garima	Monday	History
Hitesh	Tuesday	Economics
Ipsita	Friday	History
Jatin	Saturday	Chemistry
Kriti	Wednesday	Chemistry
Lokesh	Thursday	Economics
Mahesh	Sunday	History

## 48. Ans. A.

Garima	Monday	History
Hitesh	Tuesday	Economics
Ipsita	Friday	History
Jatin	Saturday	Chemistry
Kriti	Wednesday	Chemistry
Lokesh	Thursday	Economics
Mahesh	Sunday	History

## 49. Ans. E.

Garima	Monday	History
Hitesh	Tuesday	Economics
Ipsita	Friday	History
Jatin	Saturday	Chemistry
Kriti	Wednesday	Chemistry
Lokesh	Thursday	Economics
Mahesh	Sunday	History

## 50. Ans. D.

Garima	Monday	History
Hitesh	Tuesday	Economics
Ipsita	Friday	History
Jatin	Saturday	Chemistry
Kriti	Wednesday	Chemistry
Lokesh	Thursday	Economics
Mahesh	Sunday	History

## 51. Ans. C.

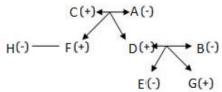
Garima	Monday	History
Hitesh	Tuesday	Economics
Ipsita	Friday	History
Jatin	Saturday	Chemistry
Kriti	Wednesday	Chemistry
Lokesh	Thursday	Economics
Mahesh	Sunday	History

## 52. Ans. D.

C is mother of F. H is aunt of G and daughter of C. So H is sister of F. F is brother of D who is father of E. So D must have wife and C



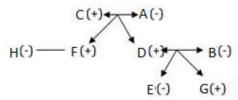
must have husband and rest persons are not married as only two couples are in the family. B is mother of G and H is aunt of G so B must be wife. of D and then A is husband of C. As equal number of males and females are there in the family so E is female.



Q is daughter of N. Hence, option D.

53. Ans. C.

C is mother of F. H is aunt of G and daughter of C. So H is sister of F. F is brother of D who is father of E. So D must have wife and C must have husband and rest persons are not married as only two couples are in the family. B is mother of G and H is aunt of G so B must be wife. of D and then **A is husband** of **C**. As equal number of males and females are there in the family so E is female.

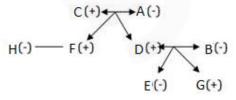


C is mother-in-law of B.

Hence, option C.

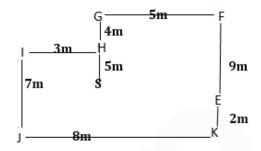
54. Ans. D.

C is mother of F. H is aunt of G and daughter of C. So H is sister of F. F is brother of D who is father of E. So D must have wife and C must have husband and rest persons are not married as only two couples are in the family. B is mother of G and H is aunt of G so B must be wife. of D and then **A is husband of C**. As equal number of males and females are there in the family so E is female.

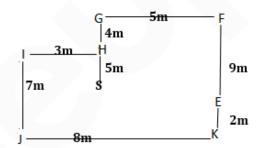


All the persons are male except N. Hence, option  ${\sf D}.$ 

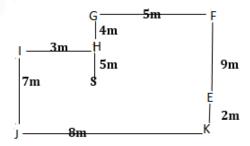
55. Ans. C.



S will be west of E and south of H. The distance between S & H will be 5 m. 56. Ans. C.



F is 11 m north of K. 57. Ans. A.



If T is 4m south of F then it will be horizontally collinear with I & H. Point I will be 8m west of point T.

58. Ans. C.

Among five persons – S, M, N, T and D each has different height. Only two persons are shorter than S. T is shorter than S but taller than D. The one who is the second tallest among them is of 175 cm.

S > 2people

D < T < S < M/N < M/N



59. Ans. E.

Among five persons – Sonu, Monu, Nonu, Tonu and Donu each has different height. Only two persons are shorter than Sonu. Tonu is shorter than Sonu but taller than Donu. The one who is the second tallest among them is of 175 cm.

Sonu> 2people

D < T < S < M/N < M/N

60. Ans. D.

Among five persons – Sonu, Monu, Nonu, Tonu and Donu each has different height. Only two persons are shorter than Sonu. Tonu is shorter than Sonu but taller than Donu. The one who is the second tallest among them is of 175 cm.

Sonu> 2people

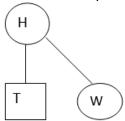
D < T < S < M/N < M/N

61. Ans. A.



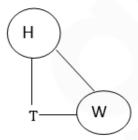
Hence, there are two pairs. 62. Ans. A.

I. W is the only daughter of H.



Since, W is the only daughter, so T is the son and T is the brother of W.

II. W is the sister of T.



So, T may be Sister or Brother of W, So, data in Statement I alone are sufficient to answer the question. 63. Ans. E.

From I and II,

Only two persons are taller to B but only one person is shorter to E.

\_\_\_>\_\_>Bhavesh>\_\_\_>Erika>\_

Akhilesh is taller to Cindy but shorter to Bhavesh.

\_\_>\_\_>Bhavesh>Akhilesh>Erika>Cindy Divakar is taller to Akhilesh but shorter to Farheen.

Divakar>Farheen>Bhavesh>Akhilesh>Erika>Cindy

So, Statement I and II together are necessary to answer the question. Hence, option E.

64. Ans. B.

From II,

cycle/photo=ak/rk

actor=gk

So, only II statement is sufficient.

Hence, option B.

65. Ans. D.

The first, the seventh, the ninth and the tenth letters of the word RECREATIONAL are R, T, O and N respectively. Meaningful word from these letters is only TORN. The third letter of the word is 'R'.

66. Ans. A.

Given number series -

18, 29, 42, 53, ?, 77

The pattern is as follows -

18 + 11 = 29

29 + 13 = 42

42 + 11 = 53

53 + 13 = 66

66 + 11 = 77

67. Ans. C.

Given number series -

36, 18, 6, 3, 1, ?

The pattern is as follows:

36/2 = 18

18/3 = 6

6/2 = 3

3/3 = 1

1/2 = 0.5



68. Ans. B.

Given number series

131 + 17 = 148

148 + 19 = 167

167 + 23 = 190

190 + 29 = 219

219 + 37 = 256

Here addition is based on

17 + 2 = 19, 19 + 4 = 23,

23 + 6 = 29, 29 + 8 = 37

69. Ans. E.

Given number 8, 6, 9, 23, ?

The pattern of given series is:

 $8 \times 1 - 2 = 6$ 

 $6 \times 2 - 3 = 9$ 

 $9 \times 3 - 4 = 23$ 

 $23 \times 4 - 5 = 87$ 

70. Ans. D.

Given number series

-1, 244, 163, 190, 181, ?,

The pattern is as follows

1 + 243 = 244

244 - 81 = 163

163 + 27 = 190

190 - 9 = 181

181 + 3 = 184

71. Ans. B.

Total no. of students in these subjects

=(20%+22%+28%) of 3000=2100

Average no. of students=700

72. Ans. A.

Economics appeared students =75% of 20%

Of 3000=450

Failed students=20% of 450=90

73. Ans. D.

Required difference

=(20%+28%)-(22%+15%)=11% of

3000=330

74. Ans. C.

Required difference=((4-3)/7) of 28% of

3000=120

75. Ans. A.

No. of male students =80% of 15% of

3000+60% of 15% of 3000=630

76. Ans. D.

As per the **BODMAS** rule, the priority in which the operations should be done is:

Priority wise operations	Symbol
B-Bracket	0
O-Of	Of
D-Division	/,÷
M-Multiplication	*,×
A-Addition	+
S-Subtraction	-

**Note:** Addition and subtraction can be treated on same priority (from left to right) when they are in consecutive order.

$$? = 3579 - 3456 + 4567$$

? = 123 + 4567

? = 4690

77. Ans. E.

As per the **BODMAS** rule, the priority in which the operations should be done is:

Priority wise operations	Symbol
B-Bracket	0
O-Of	Of
D-Division	/,÷
M-Multiplication	*,×
A-Addition	+
S-Subtraction	-

**Note:** Addition and subtraction can be treated on same priority (from left to right) when they are in consecutive order.

$$(115/5) + 12 \times 6 = ? + (64/4) - 35$$

$$23 + 72 = ? + 16 - 35$$

$$95 = ? - 19$$

$$\frac{45}{100} \times 400 + \sqrt{?} = \frac{56}{100} \times 750 - \frac{40}{100} \times 350$$

$$180 + \sqrt{?} = 420 - 140$$

$$180 + \sqrt{?} = 280$$

$$\sqrt{?} = 280 - 180$$

$$\sqrt{?} = 100$$

$$? = 100^2$$

$$? = 10000$$

Distance travelled by boat in

upstream=24km

Time taken = 6 h

Speed of the boat in upstream = 24/6 = 4 km/h



```
And distance travelled by boat in
downstream = 20 \text{ km}
Time taken = 4h
Speed of the boat in downstream
= 20/4 \text{ km/h} = 5 \text{ km/h}
Now, speed of the boat in still water = 1/2 [
speed of the boat in upstream + speed of the
boat in downstream]
=1/2 [4 + 5] = 1/2 \times 9 = 4.5 \text{ km/h}
And speed of the current = \frac{1}{2} [speed of the
boat in downstream - speed of the boat in
upstream] = 1/2 [5 - 4] = 1/2 \times 1 = 0.5
km/h
80. Ans. D.
=\frac{12p}{100}=480
P = 4000
81. Ans. A.
Total sum of age of 80 students of the class
= 15 \times 80 = 1200 \text{ years}
15 students \rightarrow 15 X 16 = 240 years
25 students \rightarrow 25 X 14 = 350 years
Sum of 40 students = 590 years
Total age of remaining 40 students = 1200 -
590 = 610
So, average age= \frac{610}{40}= 15.25 years
82. Ans. D.
Clearly, If 60 % is equally divided then
remaining 40% of total profit will be divided
between 2 persons A and B in ratio of
(profit of A) : (profit of B) = 12,500 : 8500 =
125:85 = 25:17
now difference in amount = 25-17 = 8
this difference = 240
therefore
40% of total profit = 240 \times \frac{(25+17)}{(25-17)} = 1260
\therefore 100% profit = 1260 / 40 × 100
= 3150
83. Ans. D.
Ratio of length and breadth is 6:5
\therefore Length = 6x
Breadth = 5x
\therefore Area = I x b = 30x^2
```

```
\therefore Perimeter = 2 (I + b)
= 2(6x + 5x)
=22x
  \frac{30x^2}{22x} = 60/11
\therefore X = 4
\therefore Length = 6x
= 6 \times 4 = 24 \text{ units}
84. Ans. A.
Quantity I = 20\% - 10\% - (20*10/100)\% =
Quantity II = 30\% - 20\% - (30*20/100)\% =
+4%
Hence Quantity I > Quantity II
85. Ans. C.
Quantity I = Let the three numbers will be 5x,
6x and 10x respectively
ATQ 10x+5x-6x=126
    9x = 126
  X = 14
So largest number = 10x = 10 \times 14 = 140
Quantity II=let x and y are two numbers
ATQ
        12\% \text{ of } x=25\% \text{ of } y
And their difference is 78
  So first no. =150
        2^{nd} no.=72
Hence Quantity I < Quantity II
86. Ans. C.
Quantity I= Let 3 year ago the age of A and
B be 3x and 4x respectively
Then
ATQ
       3x+5+4x+5=45
          X=5
Hence present age of A=3x+3=18year
Quantity II =  Let 5 year ago the age of p
and q be 3x and 4x respectively
Then ATQ
        3x+11=4x+5
        X=6
Hence present age of P=3x+5=23
Hence Quantity I < Quantity II
87. Ans. A.
Quantity I=15% of Principle=4800
                  Principle=Rs.32000
Quantity II=12.36% of Principle =3708
                          Principle=Rs.30000
Hence Quantity I > Quantity II
```



88. Ans. A. Quantity I: let d be the distance covered d/(6-3)-d/(6+3)=8d=36kmQuantity II: ATQ d/(25-15)+d/(25+15)=2D=16km Hence Quantity I > Quantity II 89. Ans. B.  $x^2 - 11x + 28 = 0$  $x^2 - 7x - 4x + 28 = 0$ x(x-7) - 4(x-7) = 0(x-4)(x-7)=0x=4, 7 $y^2 - 18y + 81 = 0$  $y^2 - 9y - 9y + 81 = 0$ y(y-9) - 9(y-9) = 0(y-9)(y-9)=0y = 9, 9So, **x<y**. 90. Ans. C.  $3x^2 - 14x + 16 = 0$  $3x^2 - 6x - 8x + 16 = 0$ 3x(x-2) - 8(x-2)(3x-8)(x-2)=0x = 8/3 or 2 $5y^2 - 16y + 12 = 0$  $5y^2 - 10y - 6y + 12 = 0$ 5y(y-2) - 6(y-2) = 0(5y-6)(y-2)=0y = 6/5 or 2Can't be determined. 91. Ans. E. I.  $2x^2 + 19x + 42 = 0$  $2x^2 + 12x + 7x + 42 = 0$ 2x(x+6) + 7(x+6) = 0(2x+7)(x+6) = 0x = -7/2, -6II.  $4y^2 + 43y + 30 = 0$  $4y^2 + 40y + 3y + 30 = 0$ 4y(y + 10) + 3(y + 10)(4y + 3)(y + 10) = 0

y = -3/4, -10

So answer is no relation.

92. Ans. D. I.  $x^2 + 2x - 195 = 0$ = (x+15) (x-13)=> x = -15, 13II.  $y^2 + 30y + 225 = 0$ = (y+15) (y+15)=> y = -15, -15So x ≥ v 93. Ans. E. **I.**  $2x^2 - 13x - 189 = 0$  $2x^2 - 27x + 14x - 189 = 0$ x(2x - 27) + 7(2x - 27) = 0x = -7, 27/2**II.**  $2y^2 - 3y - 189 = 0$  $2y^2 - 21y + 18y - 189 = 0$ y(2y - 21) + 9(2y - 21) = 0y = -9, 21/2When x, as well as y, have both positive and negative values then **no relationship can be established** between them because if we consider x to be positive then the negative value of y will be lesser than x. If we consider x to be negative then positive value of y will be greater than x. 94. Ans. A. Let the number X is 100 Then, PÃ 80 OÃ 72 So, Percentage decrease from P to Q is A 8/80=0.1-100=10% A is the right choice. 95. Ans. D. suppose the ages of Sunil and Anil are 8x yr and 7x yr, respectively.

After 6 yr,  $\frac{8x+6}{7x+6} = \frac{19}{17}$  136x + 102 = 133x + 114 136x - 133x = 114 - 102 3x = 12 X = 12/3 = 4Age of Sunil =  $8x = 8 \times 4 = 8$ 

Age of Sunil =  $8x = 8 \times 4 = 32$  yr Present age Anil =  $7x = 7 \times 4 = 28$  yr Required difference = (32 - 28) = 4 yr



96. Ans. D. As per the **BODMAS** rule, the priority in which the operations should be done is:

Priority wise operations	Symbol
B-Bracket	0
O-Of	Of
D-Division	/,÷
M-Multiplication	*,×
A-Addition	+
S-Subtraction	_

**Note:** Addition and subtraction can be treated on same priority (from left to right) when they are in consecutive order.

$$600 + (300/15) = ? \times 31$$

$$600 + 20 = ? \times 31$$

$$? = 620/31 = 20$$

97. Ans. B.

As per the **BODMAS** rule, the priority in which the operations should be done is:

Priority wise operations	Symbol
B-Bracket	0
O-Of	Of
D-Division	/,÷
M-Multiplication	*,×
A-Addition	+
S-Subtraction	-

**Note:** Addition and subtraction can be treated on same priority (from left to right) when they are in consecutive order.

$$65\% \times 700 + 14 - 9 \times 3$$

$$65 \times (700/100) + 14 - 27$$

$$455 + 14 - 27 = 442$$

$$\Rightarrow$$
 246 - 250 = ? - 693

$$\Rightarrow$$
 246 -250 + 693 = ?

$$12.5 \times 3.2 \times 8.8 = 352$$

$$52000 \div 40 \div 65 \times 30 = ? - \sqrt{400}$$

$$(52000 \div 40) \div 65 \times 30 = ? - 20$$

$$(1300 \div 65) \times 30 = ? - 20$$

$$20 \times 30 = ? - 20$$

$$600 = ? - 20$$

$$? = 620$$



