



डिजाईन जागरुकता अभियान  
DESIGN AWARENESS DRIVE

# DAD



On the objectives of

## National Design Policy

Govt. Of India

DAD-DESIGNED TO SUPPORT  
NATIONAL DESIGN POLICY INDIA

Preparation of a platform for creative design development, design promotion and partnerships across many sectors, states and regions for integrating design with traditional and technological resources.

Global positioning and branding of Indian designs and making "Designed in India" a by-word for quality and utility in conjunction with "Made in India" and "Served in India".

UNITED COUNTRYOUTHS FEDERATION  
THE CREATIVE LEADERS-INDIA2018





डिजाईन जागरुकता अभियान  
DESIGN AWARENESS DRIVE

DAD/EDR/TLM/DETS/GAT2019/004

Total Marks : 150

Total Time : 2 Hrs 00 Mins



## Instructions

1. Read the directions properly and carefully. Read twice, thrice till you get to understand the questions.
2. Go through details of every question most of the times answers are hidden inside the questions..
3. Think on maximum possible options at a time.
4. Marks shall be allotted on basis of observation, visualization, innovation and execution respectively.
5. Use colors where ever possible, until and unless it is restricted to do so.( at least in one question)
6. Maximum marks shall be awarded to neat, fresh and raw ideas.
7. Try to write about everything you draw or sketch.
8. Try to communicate in simple language to make it self-explanatory.

Design  
Entrance  
Examinations

2018-2019

DAD-Design Aptitude Test

DAD

Name:

Class:

Exam preparing for:

Address:

School/ Institution:

Contact:

D.O.B:

**QUANTITATIVE ABILITY TEST**

**This test is designed to check the quantitative ability of a student and the knowledge to comprehend the calculations and system of numbers and the conviction in the end result.**

- Two pipes A and B can fill a tank in 16 hrs and 12 hrs respectively. The capacity of the tank is 240 liters. Both the pipes are opened simultaneously and closed after 2 hrs. How much more water need to fill the tank?  
A. 70 lit                                      B. 170 lit  
C. 90 lit                                        D.190 lit
- H.C.F of  $4 \times 27 \times 3125$ ,  $8 \times 9 \times 25 \times 7$  and  $16 \times 81 \times 5 \times 11 \times 49$  is :  
A. 360                                        B. 180  
C. 90    D. 120
- The current birth rate per thousand is 32, whereas corresponding death rate is 11 per thousand. The net growth rate in terms of population increase in percent is given by :  
A. 1.2 %                                      B. 2.1 %  
C. 3.1 %                                        D. 1.3 %
- Net growth on 1000 =  $(32 - 11) = 21$ . Net growth on 100 =  $(21/1000 * 100) \% = 2.1\%$ . If Riya's age is four times the age of Siya and if Riya's age is 24 yrs , find the age difference between Riya and Siya ?  
A. 2 yrs                                        B. 12 yrs  
C.18 yrs                                        D. 6 yrs
- A cubical block of metal weighs 6 pounds. How much will another cube of the same metal weigh if its sides are twice as long?  
A. 48    B. 12  
C. 36    D. 60
- The average of five numbers is 27. If one number is excluded, the average becomes 25. The excluded number is :  
A. 25    B. 35  
C.45    D. 55
- The least number of complete years in which a sum of money put out at 20% compound interest will be more than doubled is:  
A.3    B. 4  
C. 5    D. 6
- Twenty men can do a work in eighteen days. Eighteen women can complete the same work in fifteen days. What is the ratio between the capacity of a woman and a man ?  
A. 4:5    B. 3:4  
C. 4:3    D. 2:3
- The ratio of earnings of A and B is 4:5. If the earnings of A increase by 20% and the earnings of B decrease by 20%, the new ratio of their earnings becomes 6:5. What are A's earnings?  
A. Rs.22,000                                    B. Rs.27,500  
C. Rs. 26,400                                   D. Cannot be determined
- In a certain store, the profit is 320% of the cost. If the cost increases by 25% but the selling price remains constant, approximately what percentage of the selling price is the profit  
A. 70%    B. 80%  
C. 90%    D. None of above
- A Three numbers are in the ratio of 3:4:5 and their L.C.M is 3600.Their HCF is:  
A. 40    B. 60  
C. 100     D. 120

Hence, Ashok's age = 15 years

12. The average age of husband, wife and their child 3 years ago was 27 years and that of wife and the child 5 years ago was 20 years. The present age of the husband is  
 A. 30    B. 40  
 C. 50    D. 60
13. 'A' sold an article to 'B' at a profit of 20%. 'B' sold the same article to 'C' at a loss of 25% and 'C' sold the same article to 'D' at a profit of 40%. If 'D' paid Rs 252 for the article, then find how much did 'A' pay for it?  
 A. Rs.196                                  B. Rs.210  
 C. Rs.200                                  D. Rs.235
14. The average age of a couple is 24 years when they were married five years ago but now the average age of the husband, wife and child is 20 years(the child was born during the interval). What is the present age of the child?  
 A. 2 yrs    B. 4 yrs  
 C. 3 yrs    D. 5 yrs
15. A person sold two cows each for Rs.9900. If he gained 10% on one and lost 20% on the other, then which of the following is true?  
 A. He Gained Rs. 200  
 B. He lost Rs. 200  
 C. He neither gained nor lost  
 D. None of the above
16. The Age of Ashok , Deepak and Ramu are in the proportion of 3:5:6. If the difference between the ages of Deepak and Ramu is 5 years . what is Ashok's age in years?  
 Answer  
 Suppose the ages of Ashok, Deepak and Ramu are 3x, 5x and 6x years respectively.
17. A can finish a work in 18 days and B can do the same work in half the time taken by A. then, working together, what part of the same work they can finish in a day ?  
 A. Total work  
 B. One-fourth work  
 C. Half work  
 D. Two-third work
18. The sum of the number of boys and girls in a school is 150. If the number of boys is x, then the number of girls becomes x% of the total number of students. The number of boys is :  
 A. 60    B. 70  
 C. 80    D. 90
19. In an examination, a student scores 4 marks for every correct answer and loses 1 mark for every wrong answer. If he attempts in all 60 questions and secures 130 marks, the number of questions he attempts correctly, is:  
 A.35    B. 38  
 C. 40    D. 42
20. A take twice as much time as B or thrice as much time to finish a piece of work. Working together, they can finish the work in 2 days. B can do the work alone in?  
 A.3 hrs    B.6 hrs  
 C. 7 hrs    D. 5 hrs
21. A person takes 20 minutes more to cover a certain distance by decreasing his speed by 20%. What is the time taken to cover the distance at his original speed?  
 A.1hr    B. 1 hr 20 min  
 C. 1 hr 10 min                                  D.50 min

22. A word consists of 9 letters; 5 consonants and 4 vowels. Three letters are chosen at random. What is the probability that more than one vowel will be selected?

- A.  $\frac{13}{42}$                       B.  $\frac{17}{42}$   
C.  $\frac{5}{42}$                           D.  $\frac{3}{14}$

23. A bag contains 2 red, 3 green and 2 blue balls. Two balls are drawn at random. What is the probability that none of the balls drawn is blue?

- A.  $\frac{10}{21}$                       B.  $\frac{11}{21}$   
C.  $\frac{1}{2}$                           D.  $\frac{2}{7}$

24. A letter lock consists of three rings each marked with six different letters. The number of distinct unsuccessful attempts to open the lock is at the most?

- A. 215                          B. 268  
C. 254                          D. 216

25. A man's speed with the current is 15 km/hr and the speed of the current is 2.5 km/hr. The man's speed against the current is :

- A. 9.5 km/hr                  B. 10 km/hr  
C. 10.5 km/hr                D. 11 km/hr

### ANALYTICAL ABILITY TEST

**This test is designed to check the quantitative ability of a student and the knowledge to comprehend the calculations and system of numbers and the conviction in the end result.**

#### Directions to Solve

**Choose the correct alternative that will continue the same pattern and replace the question mark in the given series.**

26. 1, 1, 2, 6, 24, ?, 720

- A. 100                          B. 104  
C. 108                          D. 120

27. 2, 15, 4, 12, 6, 7, ?, ?

- A. 8, 8                          B. 8, 0  
C. 3, 8                          D. None of these

#### Directions to Solve

**In each of the following questions find out the alternative which will replace the question mark.**

28.  $24 : 60 :: 120 : ?$

- A. 160                          B. 220  
C. 300                          D. 108

29.  $335 : 216 :: 987 : ?$

- A. 868                          B. 867  
C. 872                          D. 888

#### Directions to Solve

**Look carefully for the pattern, and then choose which pair of numbers comes next.**

30. 6 10 14 18 22 26 30

- A. 36 40                          B. 33 37  
C. 38 42                          D. 34 36  
E. 34 38

31. 8 12 9 13 10 14 11

- A. 14 11                          B. 15 12  
C. 8 15                          D. 15 19  
E. 8 5

#### Directions to Solve

**Each question given below consists of a statement, followed by two arguments numbered I and II. You have to decide which of the arguments is a 'strong' argument and which is a 'weak' argument.**

**Give answer:**

- (A) If only argument I is strong**  
**(B) If only argument II is strong**  
**(C) If either I or II is strong**

**(D) If neither I nor II is strong and  
(E) If both I and II are strong.**

32. **Statement:** Should India become a permanent member of UN's Security Council?

**Arguments:**

I. Yes. India has emerged as a country which loves peace and amity.

II. No. Let us first solve problems of our own people like poverty, malnutrition.

- A. Only argument I is strong
- B. Only argument II is strong
- C. Either I or II is strong
- D. Neither I nor II is strong
- E. Both I and II are strong

33. **Statement:** Should there be a ceiling on the salary of top executives of multinationals in our country?

**Arguments:**

I. Yes. Otherwise it would lead to unhealthy competition and our own industry would not be able to withstand that.

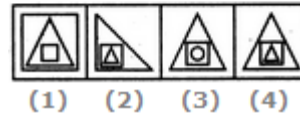
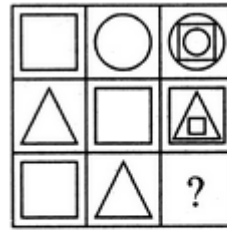
II. No. With the accent on liberalization of economy, any such move would be counter-productive. Once the economy picks up, this disparity will be reduced.

- A. Only argument I is strong
- B. Only argument II is strong
- C. Either I or II is strong
- D. Neither I nor II is strong
- E. Both I and II are strong

**Directions to Solve**

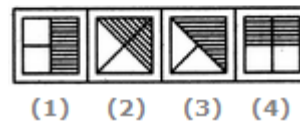
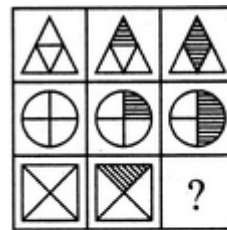
**In each of the following questions, find out which of the answer figures (1), (2), (3) and (4) completes the figure matrix?**

34. Select a suitable figure from the four alternatives that would complete the figure matrix.



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

35. Select a suitable figure from the four alternatives that would complete the figure matrix.



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

**Directions to Solve**

**In each of the following questions, five words have been given out of which four are alike in some manner, while the fifth one is different. Choose the word which is different from the rest.**

- 36. Choose the word which is different from the rest.
  - A. Decantation
  - B. Filtration
  - C. Centrifugation
  - D. Sublimation
  - E. Condensation
- 37. Choose the word which is different from the rest.
  - A. Aravalli hills
  - B. Shivalik hills

- C. Mole hills                      D. Satpura hills  
E. Nilgiri hills

38. Pointing to a photograph Lata says, "He is the son of the only son of my grandfather." How is the man in the photograph related to Lata?  
A. Brother                              B. Uncle  
C. Cousin                              D. Data is inadequate

39. A's son B is married with C whose sister D is married to E the brother of B. How D is related to A?  
A. Sister  
B. Daughter's-in-law  
C. Sister-in-law  
D. Cousin

40. Starting from the point X, Jayant walked 15 m towards west. He turned left and walked 20 m. He then turned left and walked 15 m. After this he turned to his right and walked 12 m. How far and in which directions is now Jayant from X?  
A. 32 m, South                      B. 47 m, East  
C. 42 m, North                      D. 27 m, South

41. Some boys are sitting in three rows all facing North such that A is in the middle row. P is just to the right of A but in the same row. Q is just behind of P while R is in the North of A. In which direction of R is Q?  
A. South                              B. South-West  
C. North-East                      D. South-East

### Directions to Solve

In each question below is given a statement followed by two assumptions numbered I and II. You have to consider the statement and the following

**assumptions and decide which of the assumptions is implicit in the statement.**

**Give answer**

- A. If only assumption I is implicit**  
**B. If only assumption II is implicit**  
**C. If either I or II is implicit**  
**D. If neither I nor II is implicit**  
**E. If both I and II are implicit.**

42. **Statement:** The cost of living has gone up in India.

**Assumptions:**

- I. The price of essential commodities has gone up in recent times.  
II. Many luxury goods are available in plenty in the country.  
A. Only assumption I is implicit  
B. Only assumption II is implicit  
C. Either I or II is implicit  
D. Neither I nor II is implicit  
E. Both I and II are implicit

43. **Statement:** No budgetary provision for the purpose of appointing additional faculty would be made in the context of institute's changed financial priorities.

**Assumptions:**

- I. Appointment of faculty requires funds.  
II. There are areas other than appointment of faculty which require more financial attention.  
A. Only assumption I is implicit  
B. Only assumption II is implicit  
C. Either I or II is implicit  
D. Neither I nor II is implicit  
E. Both I and II are implicit

### Directions to Solve

Each of these questions are based on the information given below :

**1. 8 persons E, F, G, H, I, J, K and L are seated around a square table - two on each side.**

- 2. There are 3 ladies who are not seated next to each other.
- 3. J is between L and F.
- 4. G is between I and F.
- 5. H, a lady member is second to the left of J.
- 6. F, a male member is seated opposite to E, a lady member.
- 7. There is a lady member between F and I.

44. Who among the following is to the immediate left of F ?
- A. G                                      B. I  
C. J                                         D. H
45. What is true about J and K?
- A. J is male, K is female  
B. J is female, K is male  
C. Both are female  
D. Both are male

**Directions to Solve**

In each of the following questions two statements are given and these statements are followed by two conclusions numbered (1) and (2). You have to take the given two statements to be true even if they seem to be at variance from commonly known facts. Read the conclusions and then decide which of the given conclusions logically follows from the two given statements, disregarding commonly known facts.

Give answer:

- A. If only (1) conclusion follows
- B. If only (2) conclusion follows
- C. If either (1) or (2) follows
- D. If neither (1) nor (2) follows and
- E. If both (1) and (2) follow.

46. **Statements:** Some mangoes are yellow.  
Some tixo are mangoes.

**Conclusions:**

- Some mangoes are green.  
Tixo is a yellow.
- A. Only (1) conclusion follows
  - B. Only (2) conclusion follows
  - C. Either (1) or (2) follows
  - D. Neither (1) nor (2) follows
  - E. Both (1) and (2) follow

47. **Statements:** All the actors are girls. All the girls are beautiful.

**Conclusions:**

- All the actors are beautiful.  
Some girls are actors.
- A. Only (1) conclusion follows
  - B. Only (2) conclusion follows
  - C. Either (1) or (2) follows
  - D. Neither (1) nor (2) follows
  - E. Both (1) and (2) follow

**Look carefully at the sequence of symbols to find the pattern. Select correct pattern.**

48.  $\triangle \square \triangle | \square \circ \square | \circ \diamond \circ | \diamond \square ?$

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(1)  $\diamond$       (2)  $\square$       (3)  $\circ$       (4)  $\triangle$

- A. 1    B. 2
- C. 3    D. 4

49.  $| \Gamma \Pi | \square \square \square | \cup ?$

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(1)  $\square \square$       (2)  $\square \square$       (3)  $| \Pi$       (4)  $\cup$

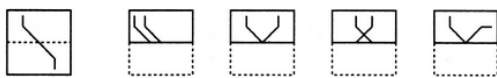
- A. 1    B. 2
- C. 3    D. 4

**Directions to Solve**



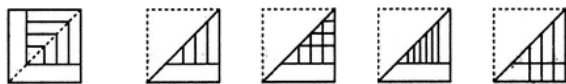
In each of the following problems, a square transparent sheet (X) with a pattern is given. Figure out from amongst the four alternatives as to how the pattern would appear when the transparent sheet is folded at the dotted line.

50. Find out from amongst the four alternatives as to how the pattern would appear when the transparent sheet is folded at the dotted line.



- (X) (1) (2) (3) (4)  
 A. 1 B. 2  
 C. 3 D. 4

51. Find out from amongst the four alternatives as to how the pattern would appear when the transparent sheet is folded at the dotted line.

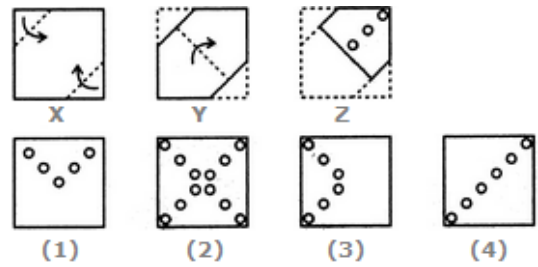


- (X) (1) (2) (3) (4)  
 A. 1 B. 2  
 C. 3 D. 4

**Directions to Solve**

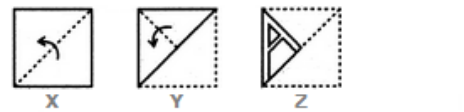
Each of the following questions consists of a set of three figures X, Y and Z showing a sequence of folding of a piece of paper. Figure (Z) shows the manner in which the folded paper has been cut. These three figures are followed by four answer figures from which you have to choose a figure which would most closely resemble the unfolded form of figure (Z).

52. Choose a figure which would most closely resemble the unfolded form of Figure (Z).



- (1) (2) (3) (4)  
 A. 1 B. 2  
 C. 3 D. 4

53. Choose a figure which would most closely resemble the unfolded form of Figure (Z).



- (1) (2) (3) (4)  
 A. 1 B. 2  
 C. 3 D. 4

**Directions to Solve**

In each of the following questions, arrange the given words in a meaningful sequence and thus find the correct answer from alternatives.

54. Arrange the words given below in a meaningful sequence.  
 1. Rain 2. Monsoon 3. Rescue 4. Flood  
 5. Shelter 6. Relief  
 A. 1, 2, 3, 4, 5, 6 B. 1, 2, 4, 5, 3, 6  
 C. 2, 1, 4, 3, 5, 6 D. 4, 1, 2, 3, 5, 6
55. Arrange the words given below in a meaningful sequence.  
 1. Milky way 2. Sun 3. Moon 4. Earth  
 5. Stars  
 A. 1, 4, 3, 2, 5 B. 2, 3, 4, 5, 1  
 C. 3, 4, 2, 5, 1 D. 4, 3, 2, 5, 1

**Directions to Solve**

All the opposite faces of a big cube are coloured with red, black and green

colours. After that is cut into 64 small equal cubes.

56. How many small cubes are there whose no faces are coloured?  
 A. 0                                      B. 4  
 C. 8                                        D. 16
57. How many small cubes are there whose 3 faces are coloured?  
 A. 4                                        B. 8  
 C. 16                                       D. 24

**Directions to Solve**

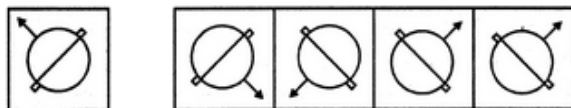
**In each of the following questions, choose the correct mirror images of the given image of the Fig.(X) from amongst the four alternatives (1), (2), (3) and (4) given along with it.**

58. Choose the correct mirror image of the given figure (X) from amongst the four alternatives.



- (X)                      (1)    (2)    (3)    (4)
- A. 1                                      B. 2  
 C. 3                                       D. 4

59. Choose the correct mirror image of the given figure (X) from amongst the four alternatives.



- (X)                      (1)    (2)    (3)    (4)
- A. 1                                      B. 2  
 C. 3                                       D. 4

**Directions to Solve**

**In each of the following questions, choose the water image of the Fig.(X)**

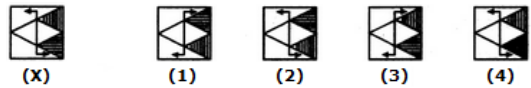
**from amongst the four alternatives (1), (2), (3) and (4) given along with it.**

60. Choose the correct water image of the given figure (X) from amongst the four alternatives.



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

61. Choose the correct water image of the given figure (X) from amongst the four alternatives.



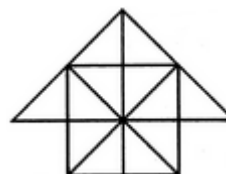
- A. 1                                        B. 2  
 C. 3                                        D. 4

62. What is the minimum number of colours required to fill the spaces in the given diagram without any two adjacent spaces having the same colour?



- A. 6                                        B. 5  
 C. 4                                        D. 3

63. Count the number of triangles and squares in the given figure.



- A. 26 triangles, 5 squares  
 B. 28 triangles, 5 squares  
 C. 26 triangles, 6 squares

D. 28 triangles, 6 squares

64. A student got twice as many sums wrong as he got right. If he attempted 48 sums in all, how many did he solve correctly?

- A. 12    B. 16  
C. 18    D. 24

65. If a clock takes seven seconds to strike seven, how long will it take to strike ten?

- A. 7 seconds    B. 9 seconds  
C. 10 seconds    D. None of these

### COMMUNICATION ABILITY TEST

#### Directions to Solve

In the following the questions choose the word which best expresses the meaning of the given word.

66. STERILE

- A. Barren    B. Arid  
C. Childless    D. Dry

67. ABJECT

- A. Challenge    B. Miserable  
C. Deny    D. Disobey

#### Directions to Solve

Pick out the most effective word(s) from the given words to fill in the blank to make the sentence meaningfully complete.

68. It ..... that Prashant will not be selected for the post

- A. feels    B. looks  
C. believes    D. seems

69. In Bush, Saddam was up ..... more than his match.

- A. for    B. into  
C. against    D. to

#### Directions to Solve

In each question below, there is a sentence of which some parts have been jumbled up. Rearrange these parts which are labelled P, Q, R and S to produce the correct sentence. Choose the proper sequence.

70. As a disease

P : and breaks up marriages

Q : accidents and suicides

R : alcoholism leads to

S : affecting all ages

The Proper sequence should be:

- A. SRPQ    B. RPSQ  
C. SRQP    D. RQPS

#### Directions to Solve

In questions given below, a part of the sentence is italicised and underlined. Below are given alternatives to the italicised part which may improve the sentence. Choose the correct alternative. In case no improvement is needed, option 'D' is the answer.

71. You cannot forbid him leaving.

- A. he leaving  
B. his leaving  
C. him to leave  
D. No improvement

#### Directions to Solve

Read each sentence to find out whether there is any grammatical error in it. The error, if any will be in one part of the sentence. The letter of that part is the answer. If there is no error, the answer is 'D'. (Ignore the errors of punctuation, if any).

72. (solve as per the direction given above)

- A. If a man diligently seeks to come into the contact
- B. with the best that has been thought and said in this world
- C. he will become simple and unselfish.
- D. No error.

73. (solve as per the direction given above)
- A. You must                      B. remember me
  - C. to post this letter.      D. No error.

#### Directions to Solve

**In questions below, each passage consist of six sentences. The first and sixth sentence are given in the beginning. The middle four sentences in each have been removed and jumbled up. These are labelled as P, Q, R and S. Find out the proper order for the four sentences.**

74. S<sup>1</sup>: The dictionary is the best friend of you task.  
 P : That may not be possible always.  
 Q : It is wise to look it up immediately.  
 R : Then it must be firmly written on the memory and traced at the first opportunity.  
 S : Never allow a strange word to pass unchallenged.  
 S<sup>6</sup>: soon you will realize that this is an exciting task.  
 The Proper sequence should be:
- A. PQRS                              B. SPQR
  - C. QRPS                              D. SQPR

#### Directions to Solve

**A country's ...(1)... is ...(2)... in terms of its scientific and technological advancements. If we accept this as standard, the ...(3)... made by India in the spheres of technology are ...(4)... impressive when compared with other developing countries of the world. We ...(5)... huge machines which produces**

**machines for both big and small industries. Yet we are not ...(6)... adequately in fields of Research and Development. We have to go a long ...(7)... to catch up with the standards set by ...(8)... nations of the world. For a rapid modernisation, import of technology is ...(9)... But the imported technology has to be ...(10)... and absorbed in such a way that we need not to have to import it again.**

75. (solve as per the direction given above)
- A. population                      B. progress
  - C. area                                D. position
  - E. popularity

#### Directions to Solve

**In each question, an incomplete statement (Stem) followed by fillers is given. Pick out the best one which can complete incomplete stem correctly and meaningfully.**

76. He always stammers in public meetings, but his today's speech .....
- A. was fairly audible to everyone present in the hall
  - B. was not received satisfactorily
  - C. could not be understood properly
  - D. was not liked by the audience
  - E. was free from that defect
77. "Whatever Dev uttered was without rhyme or reason" means .....
- A. Dev could not recite any poem or speech
  - B. Dev said something which has no meaning, it was totally baseless
  - C. Dev was talking something which was beyond our experience
  - D. Dev spoke flatly without any emotion or reason

- E. Dev did not refer to any poem to support his statements

- A. Rare  
B. Small  
C. Petty  
D. Poor

**Directions to Solve**

Read the following five sentences in the proper sequence so as to form a meaningful paragraph, then answer the questions given below them.

1. I reached office at 11 O' clock after sending the money.
2. Some money had to be sent to my parents.
3. After that, I spent almost an hour at the Post Office.
4. Therefore, I went to bank to withdraw some money.
5. However, I had no money with me.

78. Which sentence should come **fifth** in the paragraph?
- A. 1  
B. 2  
C. 3  
D. 4  
E. 5

**Directions to Solve**

In questions given below out of four alternatives, choose the one which can be substituted for the given word/sentence.

79. One who is not easily pleased by anything
- A. Maiden  
B. Mediaeval  
C. Precarious  
D. Fastidious

**Directions to Solve**

In the following questions choose the word which is the exact **OPPOSITE** of the given words.

80. SHRINK
- A. Contract  
B. Spoil  
C. Expand  
D. Stretch
81. COMMON

**Directions to Solve**

In the following questions four alternatives are given for the idiom/phrase italicised and underlined in the sentence. Choose the alternative which best expresses the meaning of idiom/phrase.

82. In the armed forces, it is considered a great privilege to die in harness.
- A. die on a horse back  
B. die in the battlefield  
C. die while still working  
D. die with honour

**Directions to Solve**

Find the correctly spelt words.

83. (solve as per the direction given above)
- A. Klaptomania  
B. Klepptomania  
C. Kleptomania  
D. Kleptomania
84. (solve as per the direction given above)
- A. Schedulle  
B. Schedeule  
C. Schdule  
D. Schedule

**Directions to Solve**

Which of phrases given below each sentence should replace the phrase printed in **bold** type to make the grammatically correct? If the sentence is correct as it is, mark 'E' as the answer.

85. Technology must use to feed the forces of change.
- A. must be used to feed  
B. must have been using to feed

- C. must use having fed
- D. must be using to feed
- E. No correction required

**Directions to Solve**

**Many sociologists have argued that there is functional relationship between education and economic system. They point to the fact that mass formal education began in industrial society. They note that the expansion of the economies of industrial societies is accompanied by a corresponding expansion of their educational systems. they explain this correspondance in terms of the needs of industry for skilled and trained manpower, needs which are met by the educational system. Thus, the provision of mass elementary education in Britain in 1870 can be seen as a response to the needs of industry for a literate and numerate workforce at a time when industrial processes were becoming more complex and the demand for technical skills was steadily growing.**

86. The industry needs a literate work-force because
- A. its expansion needs sound learning
  - B. it relies heavily on expertise
  - C. it promotes a competitive spirit
  - D. its operations need intricate technical knowledge
87. The author argues that
- A. formal education can be traced to industrial society
  - B. industrial society is responsible for expansion of education at mass level
  - C. industrial society gave rise to vocational education

D. industrial society changed the pattern of education

88. The observation of the Sociologists are based on a study of
- A. the statistical data available in a historical context
  - B. economic system of the 19th century
  - C. the correlation between industry and education in a historical context
  - D. growth of industry 19th century
89. The Sociologists referred to it in the passage say that the relationship between industry and elementary education was one
- A. based on mutual need
  - B. based entirely on the need of the industry
  - C. based entirely on economic need
  - D. based on some inexplicable historical forces
90. By 'functional relationship' is meant
- A. a short-term relationship
  - B. practical and utilitarian relationship
  - C. temporary arrangement
  - D. close and unbreakable relationship

**Directions to Solve**

**Sometimes we went off the road and on a path through the pine forest. The floor of the forest was soft to walk on; the frost did not happen it as it did the road. But we did not mind the hardness of the road because we had nails in the soles and heels nails bit on the frozen ruts and with nailed boots it was good walking on the road and invigorating. It was lovely walking in the woods.**

91. 'Frozen ruts' means
- A. very cold roads

- B. wheel marks in which frost had become hard  
C. the road covered with frost  
D. hard roads covered with snow
92. The floor of the forest was soft because  
A. the forest did not harden it on account of trees  
B. the travellers were wearing boots  
C. the shoes had nails on their sole and heel  
D. they enjoyed walking in the woods
93. We did not mind the hardness of road because  
A. we had nailed boots on  
B. it was good walking on the road  
C. the walk was refreshing  
D. the nails bit on the frozen roads
94. We found great joy on account of  
A. wearing nailed boots  
B. the good long walk on the road  
C. walking occasionally through the forest  
D. walking on frost with nailed boots on
95. Sometimes we walked through the pine forest as  
A. the path was unaffected by the frost  
B. it was good walking with nails in the boots  
C. the walks was invigorating  
D. it was sheer joy to walk in the forest

### Directions to Solve

**Piccadilly Circus was full of loneliness. It seethes and echoes with it. To live near it. Looking down on it is a discomfiting exercise. You can't feel the pulse of London here, though people expect to. To Londoners it is a maddening obstruction between one place and another, and few voluntarily linger there.**

**The only locals are those who live off the lingerers; the lingerers are primarily sightseers, with a fair sprinkling of people hoping to draw attention to themselves - both typically from the provinces. They have come to see the heart of London and expect to see spectacle, glamour and vice.**

96. Piccadilly circus is  
A. the name of a circus company  
B. a lonely and resounding old building  
C. a centrally located area in London  
D. a huge heap of ruins
97. The passage implies that  
A. some Londoners love to spend their time near the Piccadilly circus  
B. no Londoner wants to be in Piccadilly circus  
C. Piccadilly circus is a hazardous place  
D. Piccadilly circus is place of vice
98. According to this passage, people from outside London go to Piccadilly circus because it is  
A. a historical place  
B. full of glamour  
C. full of exciting people  
D. the pulse of London
99. For those who live near Piccadilly circus, it is  
A. a very noisy place  
B. crowded with people  
C. an obstruction to traffic  
D. an awkward structure
100. The lingerers found in Piccadilly circus are mainly  
A. the citizens of London  
B. sightseers from provincial areas of Britain  
C. people who want to show off

D. local idlers

**Directions to Solve**

**The Indian middle class consist of so many strata that it defies categorisation under a single term class, which would imply a considerable degree of homogeneity. Yet two paradoxical features characterise its conduct fairly uniformly; extensive practice and intensive abhorrence of corruption. In the several recent surveys of popular perceptions of corruptions, politicians of course invariably and understandably top the list, closely followed by bureaucrats, policemen, lawyers, businessmen and others. The quintessential middle class. If teachers do not figure high on this priority list, it is not for lack of trying, but for lack of oppurtunities. Over the years, the sense of shock over acts of corruption in the middle class has witnessed a steady decline, as its ambitions for a better material life have soared but the resources for meeting such ambitions have not kept pace. What is fascinating, however, is the intense yearning of this class for a clean corruptionless politics and society, a yearning that has again and again surfaced with any figure public or obscure, focus on his mission of eradicating corruption. Even the repeated failure of this promise on virtually every man's part has not subjected it to the law of diminishing returns.**

101. The intense Middle Class intensely yearns for
- better material resources
  - extensive practice of corruption
  - clean honest society
  - law of increasing returns

102. Teachers are not high on the list of corruption because they do not have
- courage
  - opportunities
  - support
  - ambition

103. The Indian Middle class is
- defiant
  - mysterious
  - homogeneous
  - stratified

104. Who figure on top of the list of corruption?
- businessmen
  - lawyers
  - politicians
  - policemen

105. This yearning, over the years, has
- persisted
  - soared
  - declined
  - disappeared

106. Pyorrhoea is a disease of the
- |          |          |
|----------|----------|
| A. nose  | B. gums  |
| C. heart | D. Lungs |

107. Which of the following countries is not a member of SAARC?
- |                |               |
|----------------|---------------|
| A. Nepal       | B. Bangladesh |
| C. Afghanistan | D. Myanmar    |

108. Famous sculptures depicting art of love built some time in 950 AD – 1050 AD are
- Khajuraho temples
  - Jama Masjid
  - Sun temple
  - Mahabalipuram temples



109. Three important rivers of the Indian subcontinent have their sources near the Mansarovar Lake in the Great Himalayas. These rivers are
- Indus, Jhelum and Sutlej
  - Brahmaputra, Sutlej and Yamuna
  - Brahmaputra, Indus and Sutlej
  - Jhelum, Sutlej and Yamuna
110. 'DB' computer abbreviation usually means ?
- Database
  - Double Byte
  - Data Block
  - Driver Boot
111. Two of the great Mughals wrote their own memories. There were
- Babar and Humayun
  - Humayun and Jahangir
  - Babar and Jahangir
  - Jahangir and Shahjahan
112. The members of the Rajya Sabha are elected for a term
- of six years
  - determined by the state legislative assembly of a state
  - of four years
  - None of the above
113. Among the various allotropes of carbon,
- coke is the hardest, graphite is the softest
  - diamond is the hardest, coke is the softest
  - diamond is the hardest, graphite is the softest
  - diamond is the hardest, lamp black is the softest
114. Who was the first Indian to be President of UN General Assembly?
- Mrs. Vijay Lakshmi Pandit
  - Ramesh Bhandari
  - Natwar Singh
  - Krishna Menon
115. The first wholly Indian Bank was set up in
- 1794
  - 1894
  - 1896
  - 1902
116. The largest dune fields are found in
- Middle East
  - North Africa
  - both (a) and (b)
  - None of the above
117. What is the name of decorative embroidery in which thread of gold and silver is used?
- Tambour
  - Anorak
  - Neglige
  - Bandana
118. When was Monopoly created?
- 1940s
  - 1930s
  - 1920s
  - 1950s
119. In most areas of this country, walking on the grass is illegal. What country is this?
- Turkey
  - Yemen
  - Poland
  - Norway
120. What are the number of moles of CO<sub>2</sub> which contains 16 g of oxygen?
- 0.5 mole
  - 0.2 mole
  - 0.4 mole
  - 0.25 mole
121. Which country is rejoining Commonwealth after 2 years of withdrawal?
- Mauritius
  - Maldives
  - Thailand
  - Indonesia

122. Who among the following is a social activist campaigning against child labour?  
 A. Baba Amte  
 B. Shabana Amzi  
 C. Mira Nair  
 D. Swami Agnivesh
123. Who is brand ambassador of apple?  
 A. Shah Rukh Khan  
 B. Johnny Depp  
 C. Russell Crowe  
 D. Denzel Washington
124. Of the following properties of a wave, the one that is independent of the other is its  
 A. amplitude  
 B. velocity  
 C. wavelength  
 D. frequency
125. The first wholly Indian Bank was set up in  
 A. 1794  
 B. 1894  
 C. 1896  
 D. 1902
126. What is the name of sleeveless outer garment worn by the one who gives warning?  
 A. Tabard  
 B. Linen  
 C. Shawl  
 D. Cravat
127. National Police Academy is located at  
 A. Bangalore  
 B. Hyderabad  
 C. Abu Road  
 D. Dehradun
128. Which of the following sculptures will you find at the Louvre?  
 A. Pieta  
 B. David  
 C. Prometheus  
 D. Emperor Tiberius' enameled bust
129. Which of the following is not an artwork by Leonardo da Vinci?  
 A. The Last Supper  
 B. The Last Judgment  
 C. The Baptism of Christ  
 D. Adoration of the Magi
130. Which of the following is an example of Arabian architecture?  
 A. Alhambra Palace  
 B. Colosseum  
 C. Parthenon  
 D. Kremlin
131. Where did Prime Minister NarendraModilay the foundation of India's first Sri Vishwakarma Skill Development University on 19th November 2018?  
 A. Surat, Gujarat  
 B. Kanpur, Uttar Pradesh  
 C. Palwal, Haryana  
 D. Indore, Madhya Pradesh
132. Where was National Conference of Women in Police (NCWP) held on 19th and 20th November 2018?  
 A. Bhopal, Madhya Pradesh  
 B. Mumbai, Maharashtra  
 C. Pune, Maharashtra  
 D. Ranchi, Jharkhand
133. What is the rank of India in Global Annual talent ranking released by renowned IMD Business School, Switzerland, on 20 November 2018?  
 A. 45  
 B. 53  
 C. 61  
 D. 34
134. What is the name of the loose covering for the shoulder?  
 A. Pelisse  
 B. Tabard  
 C. Shawl  
 D. Sarong

135. What is the name of large, colored handkerchief, usually with printed pattern?  
A. Bandana                      B. Anorak  
C. Swatch                        D. camlet
136. Which of the following is a biography of the Lady Mountbatten?  
A. Edwina Mountbatten - A Life of Her Own.  
B. Edwina Mountbatten - Her relationship with Nehru  
C. Mountbatten  
D. Edwina Mountbatten
137. Who among the following is NOT associated with billiards in India?  
A. Subash Agrawal  
B. Ashok Shandilya  
C. Manoj Kothari  
D. Mihir Sen
138. World Literacy Day is observed on  
A. Sep 5                         B. Aug 6  
C. Sep 8                         D. Oct 24
139. What is the name of the knitted woolen jacket?  
A. surplice                      B. Cardigan  
C. Cloak                         D. Anorak
140. Where was the 27th BASIC (Brazil, South Africa, India and China) Ministerial Meeting on Climate Change held on 19th and 20th November 2018?  
A. Mumbai                      B. Guwahati  
C. Bengaluru                    D. New Delhi
141. Which film won the 'Best Film award' in the 24th edition of Kolkata International Film Festival (KIFF 2018) that was held in Kolkata, from 10th to 17th November 2018?
- 2018?  
A. The Third Wife  
B. Widow of Silence  
C. Antony Phiringi  
D. The Sweet Requiem
142. Where was the 4th edition of Intex South Asia held on 14th November 2018?  
A. Kathmandu, Nepal  
B. Dhaka, Bangladesh  
C. New Delhi, India  
D. Colombo, Sri Lanka
143. Union Minister of Tribal Affairs JualOram has announced setting up of 36 Ekalavya Model Residential Schools (EMRS) in Meghalaya, with a total project cost of \_\_\_\_ rupees?  
A. Rs 980 crores                B. Rs 720 crores  
C. Rs 650 crores                D. Rs 450 crores
144. Who created the frescoes at the Sistine Chapel?  
A. Leonardo da Vinci  
B. Michelangelo  
C. Pablo Picasso  
D. Vincent van Gogh
145. Which of the following is a painting done in the sfumato style?  
A. Picasso's Guernica  
B. Renoir's Girl With a Watering Can  
C. Van Gogh's The Starry Night  
D. Leonardo da Vinci's Mona Lisa
146. Where was the All India Heads of Police Communication Conference held on 19th and 20th November 2018?

- A. Kolkata
- B. New Delhi
- C. Chennai
- D. Bengaluru

147. 'VajraPrahar', a 12-day long joint military exercise between India and which country was started in Jaipur, on 19th November 2018?

- A. Russia
- B. France
- C. United States
- D. Japan

148. Which of the following is being considered as a computer related art form?

- A. Computer generated imagery
- B. Designing websites
- C. Desktop publishing
- D. Computing math

149. Who painted the Mona Lisa?

- A. David
- B. Picasso
- C. Leonardo da Vinci
- D. Michelangelo

150. What is calligraphy?

- A. A music art form
- B. A poetic art form
- C. A handwriting art form
- D. A dance art form