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# SSC GD

## Reasoning

1. Select the option that is related to the fourth number in the same way as the first number is related to the second number and the fifth number is related to the sixth number.

26 : 6 :: ? : 11 :: 37 : 7

- A 101
- B 122
- C 82
- D 145

**Answer:** A

2. Eight girls, K, L, M, N, O, P, Q and R, are sitting in two lines, with four girls in each line. Both the lines are facing the same direction. One line is behind the other line. K is at a corner and to the immediate left of P. O is to the immediate left of M. Two persons are sitting between K and R. L is just behind P. O is between L and M. N is not in the front line. Who is sitting between P and R?

- A Q
- B M
- C L
- D N

**Answer:** A

3. Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

- 1. Patent
- 2. Patient
- 3. Patience
- 4. Paternalism

- A 1, 4, 2, 3, 5
- B 5, 4, 1, 3, 2
- C 5, 1, 4, 3, 2
- D 5, 1, 2, 3, 4

**Answer:** C

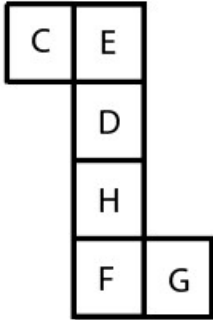
4. Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.

- A DSE
- B MMV

- C LPU
- D AMU

**Answer:** B

5. A cube is made by folding the given sheet. In the cube so formed, which pair of letters will be on the opposite faces?



- A E and D
- B E and H
- C C and F
- D C and H

**Answer:** B

6. Six friends, A, B, C, D, E and F, are sitting around a circular table facing the centre. D is third to the right of B. F is to the immediate right of D. C is between D and E. Who is sitting between B and F?

- A C
- B E
- C D
- D A

**Answer:** D

7. Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

KU\_\_NK\_QP\_\_U\_PN

- A QPUNKQ
- B QPUNQK
- C QQPUNK
- D QUPQNK

**Answer:** A

8. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

26 19 12

32 ? 16

23 20 17

A 24

B 15

C 32

D 28

Answer: A

9. When twice of a number added to 3 is multiplied by 5 and added to the number itself, it gives 158. What is the square of that number?

A 225

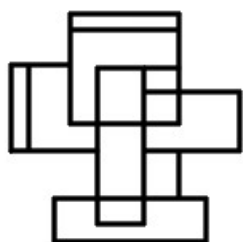
B 289

C 169

D 121

Answer: C

10. Select the option that is embedded in the given figure (rotation is NOT allowed).



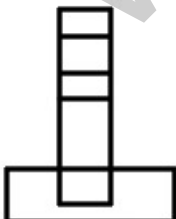
A

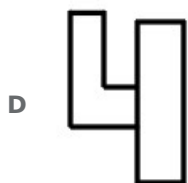


B



C





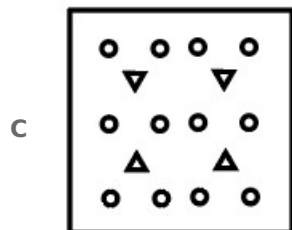
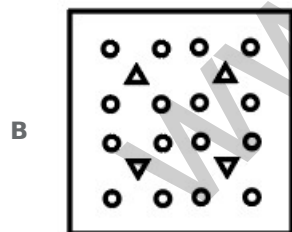
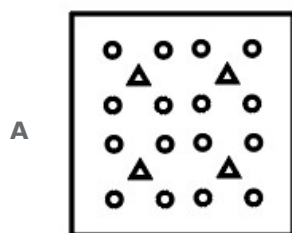
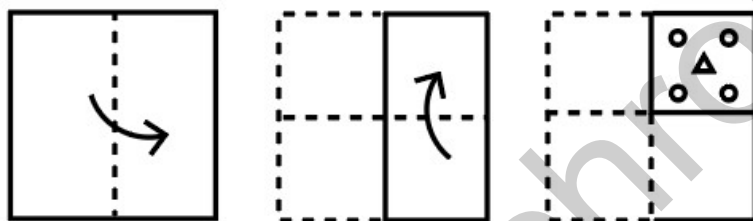
Answer: D

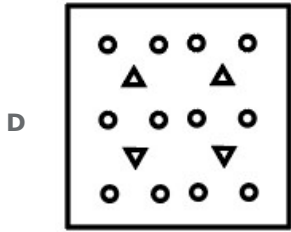
11. Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.  
NKY, LHU, JEQ, ?, FYI

- A HBM
- B HCN
- C GAO
- D IBN

Answer: A

12. The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?





Answer: B

13. In a certain code language, 'GLARE' is written as '201526922', 'DUST' is written as '23687'. How will 'HYPER' be written in that language?

- A 19221219
- B 19211229
- C 19121229
- D 19122129

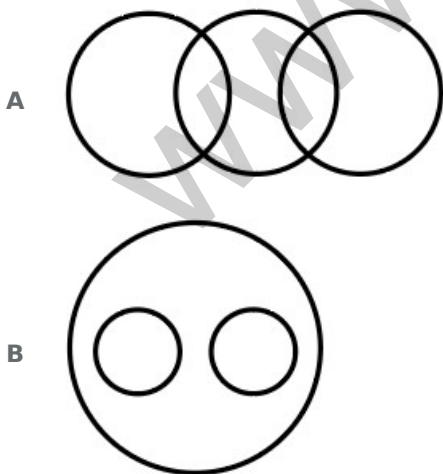
Answer: B

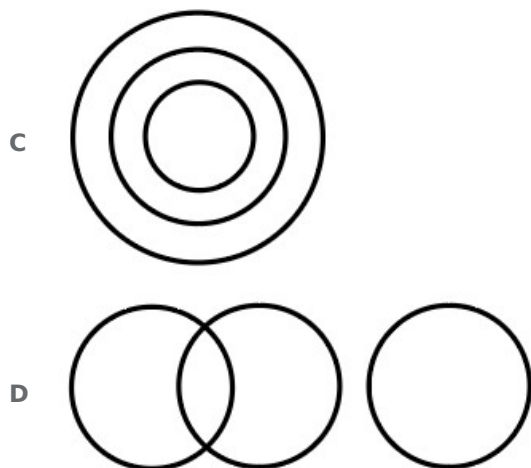
14. Select the number from among the given options that can replace the question mark (?) in the following series.  
7, 16, 41, ?, 171, 292

- A 100
- B 97
- C 90
- D 81

Answer: C

15. Select the Venn diagram that best represents the relationship between the following classes.  
Mothers, Daughters, Females





**Answer:** C

16. In a certain code language, LOTUS is written as NMVSU. How will TULIP be written in that language?

- A UVMJQ
- B VSNGR
- C UTMHQ
- D VWNKR

**Answer:** B

17. 'Medicines' is related to 'Pharmacy' in the same way as 'Historical objects' is related to '\_\_\_\_\_'.  
 WWW.jkchrome.com

- A Culture
- B Industry
- C Museum
- D Architecture

**Answer:** C

18. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

Some roses are pansies.

Some lilies are pansies.

All roses are daisies.

**Conclusions:**

I. Some roses are lilies.

II. All pansies are daisies.

- A Both conclusions I and II follow
- B Only conclusion I follows
- C Only conclusion II follows

**D** Neither conclusion I nor II follows

**Answer:** D

19. In a certain code language, 'TONIC' is written as 'UPOJDB', and 'PRINT' is written as 'QSJOUS'. How will 'SUPER' be written in that language?

**A** TVQFST

**B** TVFQSQ

**C** TUQSQF

**D** TVQFSQ

**Answer:** D

20. Which two numbers should be interchanged to make the given equation correct?

$$4 + 35 \times 7 - 81 \div 9 = 321$$

**A** 45 and 35

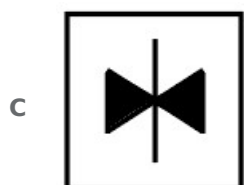
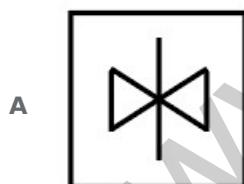
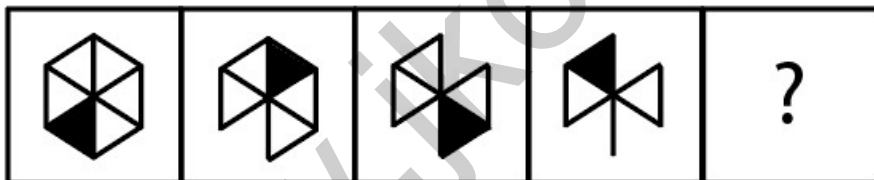
**B** 45 and 7

**C** 7 and 9

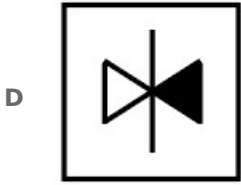
**D** 45 and 81

**Answer:** D

21. Select the figure from among the given options that can replace the question mark(?) in the following series.







**Answer:** D

22. Pointing to a photograph of a boy, Aditya said, "He is the only son of my mother-in-law's only daughter." How is the boy related to Aditya?

- A Nephew
- B Brother-in-law
- C Son
- D Father-in-law

**Answer:** C

23. Select the number from among the given options that can replace the question mark (?) in the following series.  
11, 33, 13, 39, 17, ?

- A 51
- B 41
- C 57
- D 19

**Answer:** A

24. Select the correct mirror image of the given combination when the mirror is placed at 'PQ'.

NUMERICAL |  
P  
Q

- A TAVIRICAL
- B NUMIRECAL
- C IINWIBECAL
- D IINWEBICAT

**Answer:** A

25. Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

BGL : HNT :: EIM : ?

- A ILN
- B JLP
- C KPU
- D QTX

**Answer: C**

## General knowledge

26. Aurangzeb had depleted the military and financial resources of his empire by fighting a long war in \_\_\_\_\_.

- A Hyderabad
- B Awadh
- C Bengal
- D the Deccan

**Answer: D**

27. Project Snow Leopard was launched in India in \_\_\_\_\_.

- A 2014
- B 2012
- C 2009
- D 2006

**Answer: C**

28. Which among the following states does NOT come under the catchment area of River Yamuna?

- A Punjab
- B Uttarakhand
- C Himachal Pradesh
- D Rajasthan

**Answer: A**

29. Heptathlete Swapna Barman hails from the state of \_\_\_\_\_.

- A Mizoram

- B** Odisha
- C** Nagaland
- D** West Bengal

**Answer:** D

30. How many Indian beaches were awarded the prestigious 'Blue Flag certification' by an international jury in October 2020?

- A** Six
- B** Five
- C** Eight
- D** Seven

**Answer:** C

31. On 1st December 2020, which of the following states launched the scheme 'Orunodoi'?

- A** Himachal Pradesh
- B** Sikkim
- C** Assam
- D** West Bengal

**Answer:** C

32. Which of the following is a primary constituent of pearl?

- A** Calcium carbonate
- B** Calcium sulfate
- C** Sodium bicarbonate
- D** Magnesium Peroxide

**Answer:** A

33. The Hazarduari Palace is located in \_\_\_\_\_.

- A** Bikaner
- B** Murshidabad
- C** Mysuru
- D** Jodhpur

**Answer:** B

34. Which of the following newspapers was started by Raja Ram Mohan Roy?

- A Amrita Bazar Patrika
- B Karmayogin
- C Ananda Bazar Patr ka
- D Sambad Kaumudi

**Answer:** D

35. Which among the following was the first state in the country to fix floor prices of vegetables, with effect from 1 November 2020?

- A Kerala
- B Odisha
- C Tamil Nadu
- D Telangana

**Answer:** A

36. \_\_\_\_\_ near Allahabad had a sophisticated water harvesting system that channelled the flood water of the river Ganga, even in ancient times.

- A Lahuradewa
- B Kaushambi (Kosambi)
- C Sringaverapura
- D Jhusi (Jhansi)

**Answer:** C

37. The play 'Abhijnana Shakuntalam' by Kalidasa is a love story between Shakuntala and King \_\_\_\_\_.

- A Dushasana
- B Dasharatha
- C Dhritarashtra
- D Dushyanta

**Answer:** D

38. Sorters in the Wool industry sometimes get infected by a bacterium called \_\_\_\_\_, which causes a fatal blood disease called 'Sorter's Disease'.

- A acetobacter pasteurianus
- B anthrax

- C** edwardsiella
- D** melittangium boletus

**Answer:** B

39. **Article 368 of the Constitution of India is related to:**

- A** agricultural procedures
- B** parliament
- C** centre state relations
- D** constitutional amendment

**Answer:** D

40. **In which year will India host the Women's Asian Cup in football?**

- A** 2021
- B** 2024
- C** 2023
- D** 2022

**Answer:** D

41. **The centre of the white portion of the National Flag of India is adorned by a navy-blue Ashoka Chakra, a wheel with \_\_\_\_\_ spokes.**

- A** 22
- B** 24
- C** 20
- D** 30

**Answer:** A

42. **Which of the following programmes was launched during Union Budget 2020-21 for the nutrition of children and pregnant women?**

- A** Poshan Sang
- B** Poshan Gyan
- C** Poshan Abhiyaan
- D** Poshan Adhikar

**Answer:** C



43. The expected returns to farmers over their cost of production are estimated to be highest in case of \_\_\_\_\_ at 85% as compared to other mandated Kharif crops for marketing season 2021-22 (as announced by the Cabinet Committee on Economic Affairs in June 2021).

- A Bajra
- B Tur (Arhar)
- C Moong
- D Urad

**Answer:** A

44. Who among the following is the author of the book 'The Third Pillar: How Markets and The State Leave the Community Behind'?

- A Raghuram Rajan
- B Ruchir Sharma
- C Jairam Ramesh
- D P Chidambaram

**Answer:** A

45. The Khalji and Tughluq rulers had appointed military commanders as governors of territories. These lands were called:

- A samanta
- B muqti
- C iqtadar
- D iqta

**Answer:** D

46. Who among the following was elected as the first President of Hockey India from north-east India in November 2020?

- A Gyanendro Ningombam
- B Chinglensana Singh
- C Kothajit Singh
- D Mohd Mushtaque Ahmad

**Answer:** A

47. Tea and Coffee are grown in \_\_\_\_\_ soil.

- A laterite
- B alluvial
- C black

**D** arid

**Answer:** A

48. As per the Economic Survey of India 2020-2021, which state is NOT showing gain in its forest cover?

**A** Karnataka

**B** Andhra Pradesh

**C** Arunachal Pradesh

**D** Kerala

**Answer:** C

49. Krishnadevaraya, who reigned over Vijayanagar from 1509 to 1529, belonged to the:

**A** Saluva dynasty

**B** Tuluva dynasty

**C** Sangama dynasty

**D** Aravidu dynasty

**Answer:** B

50. Which Article of the Constitution of India provides Fundamental Duties?

**A** Article 18

**B** Article 81

**C** Article 51A

**D** Article 21A

**Answer:** C

## Quantitative Ability

51. The cost price of 21 articles is equal to the selling price of 15 articles. Find the gain or loss percentage.

**A** 23% loss

**B**  $22\frac{1}{7}\%$

**C** 15% loss

**D** 40% gain

**Answer:** D

52. What is the sum of the digits of the least number which when divided by 12, 16 and 20 leaves the same remainder 6 in each case and it is divisible by 9?

- A 14
- B 18
- C 12
- D 16

**Answer:** B

53. A shopkeeper bought an item for ₹4,500 and sold it at a loss of 5%. From this money, he bought another item and sold it at a profit of 10%. What is his overall profit?

- A ₹ 280.50
- B ₹ 202.50
- C ₹ 210
- D ₹ 220

**Answer:** B

54. Find the value of  $5 \times [6 \times 2 \{3 \times 7 \div (5 \times 3)\}]$

- A 126
- B 84
- C 104
- D 92

**Answer:** B

55. If the simple interest charged for 9 months be 0.12 times the money borrowed, what is the rate percent per year?

- A 15 %
- B 18 %
- C 16 %
- D 12 %

**Answer:** C

56. If the ratio of three numbers A, B and C is  $2 : 3 : 5$ , and the sum of the squares of these numbers is 3800, then the value of C is:

- A 30
- B 40

C 50

D 20

**Answer: C**

57. If diagonal of a cube is  $\sqrt{108}$  cm, then the volume (in  $cm^3$ ) of the cube is:

A 214

B 216

C 228

D 226

**Answer: B**

58. The average speed of a train is 180% of the average speed of a car. The car covers a distance of 990 km in 15 hours. The time taken (in hours) by the train to cover the distance of 891 km is:

A  $9\frac{1}{2}$

B  $7\frac{1}{2}$

C  $6\frac{1}{2}$

D  $5\frac{1}{2}$

**Answer: B**

59. A dealer allows his customers a discount of 20% and still gains 20%. If the cost price of an article is ₹960, what is its marked price (in ₹)?

A 1,280

B 1,152

C 1,440

D 1,600

**Answer: C**

60. When 'x' is subtracted from each of the numbers 22, 39, 56 and 107, then the resulting numbers, in this order, are in proportional. What is the mean proportional between  $(x + 3)$  and  $(3x - 7)$ ?

A 8

B 12

C 14

D 10

**Answer: A**

61. In a cricket test match, Anuj completed his double century with 15 sixes and 18 fours. What percentage of runs did he make by running between the wickets to complete the double century?

- A 19%
- B 22%
- C 24.5%
- D 16.5%

**Answer:** A

62. If two numbers are 12% and 48% of a third number, what percentage is the first number of the second number?

- A 30%
- B 20%
- C 25%
- D 15%

**Answer:** C

63. A machine can complete double the work that a man can complete in a given period of time. To complete a work, 10 machines and 5 men take 60 days. If there were 10 men and 5 machines, then the time it would have taken to complete the work is:

- A 90 days
- B 84 days
- C 68 days
- D 75 days

**Answer:** D

64. 4 men and 4 women can complete a work in 5 days, while 2 men and 5 women can finish it in 6 days. How much time (in days) will be taken by 1 woman working alone and 1 man working all by himself to complete the work, respectively?

- A 20 and 36
- B 45 and 36
- C 36 and 45
- D 36 and 20

**Answer:** B

65. ₹9,500 is divided among three friends A, B and C such that B gets 75% of the amount that A gets and the ratio between A and C's shares is 8 : 5, The amount (in ₹) that B gets is:

- A 4,000



- B** 3,000
- C** 6,000
- D** 2,500

**Answer:** B

66. The radius of the base of a solid right circular cylinder is 10.5 cm and its volume is  $5197.5\text{cm}^3$ . What is the total surface area (in  $\text{cm}^2$ ) of the cylinder? (Taken  $\pi = \frac{22}{7}$ )

- A** 1584
- B** 1683
- C** 1605
- D** 1749

**Answer:** B

67. The average weight of the students in a class is 56 kg. If five more students whose average weight is 58 kg, join the class, the average weight of the students increases by 0.5 kg. What was the original number of students in the class?

- A** 18
- B** 20
- C** 25
- D** 15

**Answer:** D

68. The LCM and HCF of two numbers are 1920 and 4, respectively, One of the numbers is 60. Find the other number.

- A** 128
- B** 124
- C** 88
- D** 120

**Answer:** A

69. The average age of 10 members of a family is 29 years. If the youngest members are twins and each is 5 years old. what was the average age (in years) of the family members at the time of birth of the twins ?

- A** 28
- B** 30
- C** 31
- D** 32

**Answer:** B

70. A train, 250 m long, passes a railway platform 200 m long, in 45s with a uniform speed. What is the time (in seconds) taken by the train to pass a man cycling in the direction of the train at a speed of 6 km/h?

- A 30
- B 62.5
- C 21
- D 54

**Answer: A**

71. The expression  $\frac{5}{6} \frac{5}{3} \frac{5}{7}$  of  $\frac{6}{9} \frac{11}{8}$   $\div$   $\frac{8}{9} (2 \frac{3}{11} + \frac{13}{22})$  of  $\frac{9}{5}$  equals to:

- A  $\frac{11}{36}$
- B  $\frac{5}{36}$
- C  $\frac{1}{36}$
- D  $\frac{25}{36}$

**Answer: B**

72. By selling an item for ₹3,750 a shopkeeper earned 25% profit. If the item had been sold for ₹300 more, then what would have been the profit percentage of the shopkeeper?

- A 32
- B 37.5
- C 35
- D 36

**Answer: C**

73. A shopkeeper marks his goods 40% above their cost price. He sells 60% of the goods at the marked price and the remaining at 65% discount on the marked price. His gain/loss in the whole transaction is:

- A gain, 3.6%
- B gain, 9.6%
- C loss, 3.6%
- D loss, 9.6%

**Answer: A**

74. A sum of ₹10,000 amounts to ₹13,225 in 2 years at a certain rate per cent per annum, when the interest is compounded annually. What will be the interest (in ₹) on the same sum for the same time at the same rate, when the interest is compounded 8-monthly?

- A 3,350
- B 3,360
- C 3,310
- D 3,290

**Answer: C**

75. A sum of money lent at simple interest amounts to ₹7,920 in 2 years and to ₹11,220 after 5 more years. What is the rate of interest per annum?

- A 10%
- B 9.85%
- C 12%
- D 17.5%

**Answer: A**

## English

76. Select the most appropriate synonym of the given word.  
SUSTAIN (V)

- A Believe
- B Weaken
- C Suspect
- D Support

**Answer: D**

77. Select the most appropriate option to fill in the blank.  
Disasters expose the most \_\_\_\_\_ section of society to grave danger.

- A equitable
- B sustainable
- C vulnerable
- D potable

**Answer: C**

78. Select the most appropriate ANTONYM of the given word.  
**Just**

- A Blur
- B Fail
- C Conclude
- D Corrupt

**Answer:** D

79. Select the option that can be used as a one-word substitute for the given group of words.  
**Sound made by a horse**

- A Bray
- B Bark
- C Growl
- D Neigh

**Answer:** D

80. The following sentence has been split into four segments. Identify the segment that contains a grammatical error.  
**Its matter of great concern / for the authorities that / despite all the efforts, / the number of patients is increasing.**

- A the number of patients is increasing
- B despite all the efforts
- C for the authorities that
- D Its matter of great concern

**Answer:** D

81. Select the correctly spelt word.

- A Mathematiks
- B Mathematics
- C Mathemetics
- D Maethematics

**Answer:** A

82. Select the most appropriate ANTONYM of the given word.  
**Delicious**

- A Satisfactory
- B Sweet

- C Distasteful
- D Tasteful

**Answer:** C

83. Select the most appropriate option that can substitute the underlined word in the given sentence. If there is no need to substitute it, select 'No substitution required'.  
Despite play very well, we lost the match.

- A No substitution required
- B Despite of our playing
- C Despite playing
- D Despite of us playing

**Answer:** C

84. Select the option that can be used as a one-word substitute for the given group of words.  
Person who is the natural successor to ancestral property

- A Extrovert
- B Heretic
- C Interlocutor
- D Heir

**Answer:** D

85. Select the most appropriate option to fill in the blank.  
The ticket gives \_\_\_\_\_ travel on city buses for as little as ₹100.

- A never-ending
- B uncontrolled
- C infinite
- D unlimited

**Answer:** D

86. The following sentence has been divided into parts. One of them may contain an error.  
Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.  
Did you knew / that there will be / a pay hike soon?

- A a pay hike soon
- B No error



- C** that there will be
- D** Did you knew

**Answer:** D

87. Select the INCORRECTLY spelt word.

- A** Gullible
- B** Dissimulation
- C** Magnanemous
- D** Indecisiveness

**Answer:** C

88. Select the most appropriate meaning of the given idiom.  
To spill the beans

- A** To work very hard
- B** To give away a secret
- C** To throw away something important
- D** To do something very difficult

**Answer:** A

89. Select the most appropriate synonym of the given word.  
Sullen

- A** Dazzling
- B** Smart
- C** Bright
- D** Grim

**Answer:** D

90. The following sentence has been split into four segments. Identify the segment that contains a grammatical error.  
The examinations / will be pushed back / so that candidates get additional time / for prepare.

- A** so that candidates get additional time
- B** will be pushed back
- C** The examinations
- D** for prepare

**Answer:** D

91. Select the most appropriate meaning of the given idiom.  
To take up the gauntlet

- A To face failure
- B To deny the challenge
- C To accept a challenge
- D To suffer humiliation

**Answer: C**

92. Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.  
This is the garage when I get my car repaired.

- A wherever
- B where
- C No substitution required
- D whenever

**Answer: A**

93. Select the most appropriate option that can substitute the underlined word in the given sentence. If there is no need to substitute it, select 'No substitution required'.  
Either Sumit or Amit will give their assistance in unloading the goods from the truck.

- A his
- B No substitution required
- C your
- D its

**Answer: A**

94. Select the most appropriate option to fill in the blank.  
She found herself in an \_\_\_\_\_ situation and left quickly.

- A abstract
- B awkward
- C obvious
- D elegant

**Answer: B**

95. Select the option that can be used as a one-word substitute for the given group of words.

A solemn promise

- A Salute
- B Contract
- C Pledge
- D Tribute

**Answer: C**

**Instructions [96 - 100 ]**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Modern scientific and technological developments in the practice of medicine and public health (1)\_\_\_\_\_ nursing into new and wider fields of activity, and its functions have been expanded (2)\_\_\_\_\_. Therefore, nurses no longer limited many to activities within the hospital. It has also become (3)\_\_\_\_\_ in which prevention and rehabilitation are a vital part of its program. The modern concept of nursing considers the hospital, (4)\_\_\_\_\_ central, as only one of (5)\_\_\_\_\_ in the community.

96. Select the most appropriate option to fill in blank no. a:

- A had drawn
- B are drawn
- C drew
- D are drawing

**Answer: D**

97. Select the most appropriate option to fill in blank no. b:

- A respectively
- B accordingly
- C naturally
- D consistently

**Answer: B**

98. Select the most appropriate option to fill in blank no. c:

- A community services
- B the community service
- C a community service
- D community service

**Answer: C**

99. Select the most appropriate option to fill in blank no. 4.

- A whenever
- B however
- C wherever
- D whatever

**Answer:** A

100. **Select the most appropriate option to fill in blank no. 5.**

- A the many agency
- B the many agencies
- C many agency
- D many agencies

**Answer:** B







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