

ROLL NUMBER

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No. of question: 75

No. of printed pages: 13

Vizag Steel Exam
MODEL PAPER SET NO. 1
Time: 90 Minutes
Maximum Marks: 75

GENERAL INSTRUCTIONS TO THE EXAMINEES :

- 1) You have to enter ROLL number on the test booklet in the Box alongside. Do not write Anything else on the Test Booklet.
 - 2) This Test Booklet contains 75 items (Questions). Each item comprises four responses (answer).
You will select the response which you want to mark on the Answer Sheet .In case you feel that there is more than one correct response, Mark the response which you consider the best, in any case, Choose only one response for each question.
 - 3).All Questions (Items) Carry Equal Marks
 - 4).All the questions are compulsory.
 - 5).Sheets for rough are appended in the Test Booklet at the end.
 - 6).You should treat this like the actual **Vizag Steel** Model paper Exam Question Paper.
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General Aptitude

1. A pineapple costs Rs. 7 each. A watermelon costs Rs. 5 each. X spends Rs. 38 on these fruits. The number of pineapples purchased is
 - a) 2
 - b) 3
 - c) 4
 - d) Data inadequate
2. A woman says, "If you reverse my own age, the figures represent my husband's age. He is, of course, senior to me and the difference between our ages is one-eleventh of their sum." The woman's age is
 - a) 23 years
 - b) 34 years
 - c) 45 years
 - d) None of these
3. A girl counted in the following way on the fingers of her left hand : She started by calling the thumb 1, the index finger 2, middle finger 3, ring finger 4, little finger 5 and then reversed direction calling the ring finger 6, middle finger 7 and so on. She counted upto 1994. She ended counting on which finger ?
 - a) Thumb
 - b) Index finger
 - c) Middle finger
 - d) Ring finger
4. A man has Rs. 480 in the denominations of one-rupee notes, five-rupee notes and ten-rupee notes. The number of notes of each denomination is equal. What is the total number of notes that he has ?
 - a) 45
 - b) 60
 - c) 75
 - d) 90
5. What is the product of all the numbers in the dial of a telephone ?
 - a) 1,58,480
 - b) 1,59,450
 - c) 1,59,480
 - d) None of these
6. A is 3 years older to B and 3 years younger to C, while B and D are twins. How many years older is C to D?
 - a) 2
 - b) 3
 - c) 6

- d) 12
7. The 30 members of a club decided to play a badminton singles tournament. Every time a member loses a game he is out of the tournament. There are no ties. What is the minimum number of matches that must be played to determine the winner ?
- 15
 - 29
 - 61
 - None of these
8. In a garden, there are 10 rows and 12 columns of mango trees. The distance between the two trees is 2 metres and a distance of one metre is left from all sides of the boundary of the garden. The length of the garden is
- 20 m
 - 22 m
 - 24 m
 - 26 m
9. 12 year old Manick is three times as old as his brother Rahul. How old will Manick be when he is twice as old as Rahul?
- 14 years
 - 16 years
 - 18 years
 - 20 years
10. A tailor had a number of shirt pieces to cut from a roll of fabric. He cut each roll of equal length into 10 pieces. He cut at the rate of 45 cuts a minute. How many rolls would be cut in 24 minutes ?
- 32 rolls
 - 54 rolls
 - 108 rolls
 - 120 rolls
11. If O denotes \times , N denotes \div , K denotes $+$ and J denotes $-$, then find the value of $24 \text{ O } 84 \text{ N } 12 \text{ K } 16 \text{ J } 52 = ?$
- 159
 - 132
 - 155
 - 130
12. 'Talk' is related to 'Speak' in a certain way; similarly 'Honest' is related to 'Truthful'. In the same way, 'Listen' is related to ?
- Music
 - Ears
 - Hear

- d) Ignore
- e) Sound

13. 'Lead' is related to 'Pencil' in the same way as 'Ink' is related to ?

- a) Bottle
- b) Pen
- c) Stamp
- d) Pot
- e) Color

14. A is wife of B who is children of C. M is mother of D who is son of C, then how is C related to A?

- a) Father /
- b) Brother-in-law
- c) Brother /
- d) Father-in-law

15. Arrange the following words according to the order given in the dictionary. 1. Represent 2. Recession 3. Reforms 4. Resign 5. Reptiles

- a) 2, 3, 1, 4, 5
- b) 1, 3, 2, 5, 4
- c) 2, 3, 1, 5, 4
- d) 3, 1, 5, 2, 4

16. Mr X invested a certain amount in Debt and Equity Funds in the ratio of 4 : 5. At the end of one year, he earned a total dividend of 30% on his investment. After one year, he reinvested the amount including the dividend in the ratio of 6 : 7 in Debt and Equity Funds. If the amount reinvested in Equity Funds was `94,500, what was the original amount invested in Equity Funds?

- a) `75,000
- b) `81,000
- c) `60,000
- d) `65,000
- e) None of these

17. The age of the father is 30 years more than the son's age. Ten years hence, the father's age will become three times the son's age that time. What is the son's present age in years?

- a) Eight
- b) Seven
- c) Five
- d) Cannot be determined
- e) None of these

18. If the length of a rectangular field is increased by 20% and the breadth is reduced by 20%, the area of the rectangle will be 192 m². What is the area of the original rectangle?

- a) 184 m²
- b) 196 m²
- c) 204 m²
- d) 225 m²
- e) None of these

19. The product of one-third of a number and 150% of another number is what per cent of the product of the original numbers?

- a) 80%
- b) 50%
- c) 75%
- d) 120%
- e) None of these

20. Inside a square plot, a circular garden is developed which exactly fits in the square plot and the diameter of the garden is equal to the side of the square plot which is 28 metres. What is the area of the space left out in the square plot after developing the garden?

- a) 98 m²
- b) 146 m²
- c) 84 m²
- d) 168 m²
- e) None of these

21. If 'air' is called 'green', 'green' is called 'red', 'red' is called 'sea', 'sea' is called 'blue', 'blue' is called 'water' and 'water' is called 'pink', then what is the color of grass?

- a) Green
- b) Air
- c) Red
- d) Pink

22. According to new terminology, 'Aries' means 'air', 'Taurus' means 'light', 'Libra' means 'water' and 'Scorpio' means 'earth'. What would an organism breathe in?

- a) Aries
- b) Taurus
- c) Libra
- d) Scorpio
- e) None of these

23. Choose the word which is least like the other words in the group.

- a) Grenade
- b) Katana
- c) Shotgun
- d) Rifle
- e) Revolver

24. Choose the word which is not similar to the other words in the group.
- a) Peas
 - b) Cabbage
 - c) Spinach
 - d) Tomato
 - e) Potato
25. Complete the given series by finding the missing term 5, 15, 45, 225, ?
- a) 1024
 - b) 1125
 - c) 1500
 - d) 2250
26. From each of the two given unequal numbers, half the smaller number is subtracted. Then, of the resulting numbers, the larger one is five times than the smaller one. Then the ratio of the larger to smaller one is
- a) 2 : 1
 - b) 3 : 2
 - c) 3 : 1
 - d) 1 : 4
27. When an integer K is divided by 3, the remainder is 1, and when $K + 1$ is divided by 5, the remainder is 0. Of the following, a possible value of K is
- a) 62
 - b) 63
 - c) 64
 - d) 65
28. A farmer has 945 cows and 2475 sheep. He farms them into flocks, keeping cows and sheep separate and having the same number of animals in each flock. If these flocks are as large as possible, then the maximum number of animals in each flock and total number of flocks required for the purpose are respectively
- a) 15 and 228
 - b) 9 and 380
 - c) 45 and 76
 - d) 46 and 75
29. The number of sides in two regular polygons are in the ratio 5 : 4 and the difference between each interior angle of the polygons is 6° . Then the number of sides are
- a) 15, 12
 - b) 5A
 - c) 10, 8
 - d) 20, 16
30. If the length of each side of a regular tetrahedron is 12 cm, then the volume of the

tetrahedron is

- a) $144\sqrt{2}$ cu. cm.
- b) $72\sqrt{2}$ cu. cm.
- c) 8, cu. cm.
- d) $12\sqrt{2}$ cu. cm.

31. From each of the two given unequal numbers, half the smaller number is subtracted. Then, of the resulting numbers, the larger one is five times than the smaller one. Then the ratio of the larger to smaller one is

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36. A cone, a hemisphere and a cylinder stand on equal base and have the same height. Their volumes are in the ratio
- a) 1: 3: 2
 - b) 2: 3: 1
 - c) 1: 2: 3
 - d) 3: 1: 2
37. Sides of a parallelogram are in the ratio 5 : 4. Its area is 1000 sq. units. Altitude on the greater side is 20 units. Altitude on the smaller side is
- a) 30 units
 - b) 25 units
 - c) 10 units
 - d) 15 units
38. B and C can complete a piece of work in 12 days, C and A can do it in 8 days. All the three can do it in 6 days. A and B together can complete it in
- a) 4 days
 - b) 6 days
 - c) 8 days
 - d) 10 days
39. A can do a work in 9 days, if B is 50% more efficient than A, then in how many days can B do the same work?
- a) 13.5
 - b) 4.5
 - c) 6
 - d) 3
40. The successive discounts of 10% and 20% are equivalent to a single discount of
- a) 30%
 - b) 28%
 - c) 25%
 - d) 27%

General Awareness

41. What is Microcredit?
- a) It is the amount given by Govt. for Small Industries Development
 - b) It is the amount given to the students as education loan
 - c) It is the small credit given to poor
 - d) It is the installment given by Farmers against Loan
 - e) None of these
42. Which of the following are the main products of Retail Banking ?
- a) Card Products

- b) Deposit Products
 - c) Loan products
 - d) Only B and C
 - e) All of these
43. LAF stands for which of the following?
- a) Least adjustment facility
 - b) Liquidity adjustment facility
 - c) Long adjustment facility
 - d) Liabilities adjustment facility
 - e) None of these
44. Who administered Monetary Policy ?
- a) GOI
 - b) SBI
 - c) RBI
 - d) State Governments
 - e) None of these
45. Which of the following statements is/are true about Scheduled Bank ?
- a) It is an institution which is notified by GOI
 - b) It is a company defined by companies act, 2013
 - c) It is a corporation or company incorporated by the law in force in India
 - d) It is included in the Second Schedule of Reserve Bank of India Act, 1934
 - e) All of these
46. Which of the following is related to Kapoor Committee, 1999 ?
- a) Micro-finance
 - b) Capital Account convertibility
 - c) Restructuring of RRBs
 - d) Co-operative Banking Reforms
 - e) None of these
47. Which of the following deals with the small and medium enterprises ?
- a) IFCI
 - b) NABARD
 - c) SIDBI
 - d) RBI
 - e) None of these
48. The Bank that begins with "U" is the tagline of which of the following bank ?
- a) Union Bank of India
 - b) UCO Bank
 - c) United Commercial Bank
 - d) United Bank of India

e) None of these

49. The major stakes of NABARD is owned by whom ?

- a) Central Government
- b) SBI
- c) Ministry of Finance
- d) RBI
- e) None of these

50. AEP stands for which of the following ?

- a) Automated engineered payment service
- b) Aadhaar-enabled promotion scheme
- c) Aadhaar-enabled Payment system
- d) Aadhaar-enabled Payment scheme
- e) Aadhaar-enabled Payment Service

General Knowledge

51. Which of the following Forts was not built in Akbar's time?

- a) Agra Fort
- b) Lahore Fort
- c) Purana Qila
- d) Allahabad Fort

52. In whose reign, the peacock (Mayur) throne was constructed?

- a) Humayun
- b) Akbar
- c) Shahjahan
- d) Babur

53. Which of the following building does not belong to the period of Aurangzeb?

- a) Moti mosque in Agra Fort
- b) Bibi Ka Makbara
- c) Tomb of Rabia-ud-Durrani
- d) Badshahi Mosque of Lahore

54. The Moti Masjid at Agra Fort was built by Shahjahan in honour of who among the following?

- a) Jahangir
- b) Jahanara Begum
- c) Mumtaz Mahal
- d) Asaf Khan

55. Dome mountain are the result of

- a) Intrusion of magma

- b) Folding
 - c) Frictions at the joints of the rocks
 - d) Faulting
56. Creators or calderas are –
- a) Rift valley
 - b) Hollows created by removed of volcanic cones
 - c) Sink holes
 - d) Pot holes
57. A volcanic eruption is most likely to be violent cones
- a) The volcano is near to the sea
 - b) The neck of the volcano is sealed by a plug
 - c) The lava is viscous
 - d) The lava reaches the surface through a fissure
58. The pass located at the southern end of the Nilgiri Hills in south India is called?
- a) the Palghat gap
 - b) the Bhorghat pass
 - c) the Thalghat pass
 - d) the Bolan pass
59. Who has been appointed as the new chairman of the Central Board of Indirect taxes and Customs (CBIC)?
- a) John Joseph
 - b) Vanaja N. Sarna
 - c) Mahender Singh
 - d) S Ramesh
60. Who has been appointed as the acting Chairman of the Union Public Service Commission (UPSC)?
- a) Arvind Saxena
 - b) Sudha Jain
 - c) Kirti Kumar
 - d) Omi Agrawal

English

61. Against each key word are given four suggested meanings. Choose the word or phrase which is nearest in meaning to the key word. ANTAGONIST:
- a) Hostile
 - b) Pluralistic
 - c) Mockery
 - d) Aghast
62. Against each key word are given four suggested meanings. Choose the word or phrase

which is nearest in meaning to the key word. APPERTAIN:

- a) Give up
- b) Offence
- c) To be Appropriate
- d) Thankful

63. Against each key word are given four suggested meanings. Choose the word or phrase which is opposite in meaning to the key word. LURID:

- a) Murky
- b) Dismal
- c) Ignorant
- d) Mild

64. Against each key word are given four suggested meanings. Choose the word or phrase which is opposite in meaning to the key word. MANIFEST:

- a) Unmistakable
- b) Apparent
- c) Obscure
- d) Irrelevant

65. Choose the word that is nearest in meaning to the capitalised word. ABASE:

- a) Humiliate or degrade oneself
- b) Uncouth
- c) Baseless
- d) Forceful

66. Choose the word that is nearest in meaning to the capitalised word. SHAM:

- a) Rubbish
- b) Lovable
- c) Pretence
- d) Guilty

67. In the following question pick the wrong spelt word.

- a) Autopsy
- b) Autocratic
- c) Akward
- d) Asylum

68. In the following question pick the wrong spelt word.

- a) Abnormity
- b) Aberration
- c) Abstant
- d) Abstention

69. Directions: 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 will be the answer.
In an effort.

- a) / to make peace
- b) / Priya spoke separately
- c) / to both the person.

70. They had a narrow escape

- a) / when skating as
- b) / roaring avalanche
- c) / just missed them.

71. The movie star should not have

- a) / allowed the press
- b) / at the scene had he
- c) / known about the fuss.

Directions: Choose the most appropriate word from the given options to fill up the blank in the sentence.

72. When he reached the doctors house he out already.

- a) Went
- b) gone
- c) has gone
- d) had gone

73. The Government agreed to pay compensation damaged crops, land and cattle.

- a) to
- b) through
- c) for
- d) of

Directions : Choose the Antonym of the following:

74. EXONERATE

- a) Moderate
- b) Accuse
- c) Watchful
- d) Acquire

75. REplete

- a) Disentangle
- b) Improper
- c) Devoid
- d) Renovate