SSC Constable Exam
MODEL PAPER SET NO. 1
Time: 90 Minutes
Maximum Marks: 100

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 100 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 SSC Constable Model paper Exam Question Paper.
1. If O denotes ×, N denotes ÷, K denotes + and J denotes -, then find the value of 24 O 84 N 12 K 16 J 52 =?
   a) 159
   b) 132
   c) 155
   d) 130

2. 'Talk' is related to 'Speak' in a certain way; similarly ‘Honest’ is related to ‘Truthful’. In the same way, ‘Listen’ is related to ?
   a) Music
   b) Ears
   c) Hear
   d) Ignore
   e) Sound

3. 'Lead' is related to 'Pencil' in the same way as 'Ink' is related to ?
   a) Bottle
   b) Pen
   c) Stamp
   d) Pot
   e) Color

4. 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

5. 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

Read the given information carefully and answer the asked questions below

6. Among six people- A, B, C, D, E and F each of are all in different age group, A is younger than only D. Only three people are younger than C. F is younger than E, F is not the youngest. Who amongst the following is the youngest?
   a) B
b) A

c) E

d) C

e) None of these

7. If E’s age is 16 years, than which of the following may be B’s age?
   a) 19 years
   b) 22 years
   c) 18 years
   d) 17 years
   e) 12 years

8. From the given alternative words select the one which can/can't be formed using the letters of
   the given word?
   a) COMBINATIONS
   b) NAME
   c) NATIONAL
   d) MOTION
   e) COMMON

9. How many such pairs of letters are there in the word WONDERS, each of which has as many
   letters between them in the word (in both forward and backward directions) as they have
   between them in the English alphabetical series.
   a) One
   b) Two
   c) Three
   d) More than three
   e) None

10. In a certain code language, ‘DRINK’ is coded as ‘JMHQC’ and ‘BLOTS’ is coded as ‘RSNKA’.
    In the same code language, ‘HONEY’ will be coded as?
    a) XDMOG
    b) GNMDX
    c) XDMNG
    d) DXMGN
    e) None of these

11. From the given alternative words select the one which can/can't be formed using the letters of
    the given word?
    a) REVOLUTIONARY
    b) VOLUTE
    c) RELATION
    d) EVALUATE
    e) RELUTION
12. In each of the following questions, a series is given, with one term missing choose the correct alternative from the given one that will complete the series. 4, 3, 6, 25, 168, ?
   a) 1512  
   b) 1414  
   c) 1503  
   d) 1308

13. In each of the following questions, a series is given, with one term missing choose the correct alternative from the given one that will complete the series. LGK, KIL, JKM, IMN, ?
   a) HOM  
   b) HOO  
   c) GNL  
   d) GON

14. Find the odd number/letter/figure/number pair from the given alternative.
   a) 633  
   b) 541  
   c) 862  
   d) 498

15. If the digits in the number '25673948' are arranged in ascending order from left to right, what is the sum of the digits which are fourth from the right and third from the left in the new arrangement?
   a) 10  
   b) 9  
   c) 5  
   d) 6  
   e) 8

16. In certain code GIVE is written as MDVJH, then how SHARK will be written in the same code?
   a) JSQIT  
   b) JQAIT  
   c) TIDQJ  
   d) JQBTI  
   e) JQIAT

17. A man is facing north. He turns 45° in clockwise direction and another 45° in the same direction and then 225° in the anti clockwise direction. Again he turns 135° clockwise direction and 270° anticlockwise direction. In which direction he is facing now?
   a) South-East  
   b) East  
   c) South-West  
   d) South

18. In a certain code language 'DATE' is written as 'ZDRF' and 'EXAM' is written as 'AAYN'. How is 'VIEW' will be written in that code language?
19. Direction: In each of the following questions, select the related word from the given alternatives.

Touch : Feel : : Greet : ?
- a) Smile
- b) Acknowledge
- c) Success
- d) Manners

20. Direction: In each of the following questions, select the related word from the given alternatives.

House : Room : : World : ?
- a) Land
- b) Sun
- c) Air
- d) Nation

21. Find the odd number/letter/figure/number pair from the given alternative.

a) Luanda
- b) Seoul
- c) Rome
- d) Turkey

22. Which one of the following diagram best depicts the relationship among Boys, Students and Athletics?

a) A
- b) B
- c) C
- d) D

23. In each of the following questions, select the related letter/word/number from the given alternatives. SQC : LJV : : DAK : ?

a) WTE
- b) VSD
- c) WTD
- d) VTE

24. In each of the following questions, select the related letter/word/number from the given alternatives. 4 : 50 : : 1 : ?

a) 2
- b) 4
- c) 9
- d) 10
25. In each of the following questions, select the related letter/word/number from the given alternatives
   a) Neem : Cotton
   b) Fibre : Jute
   c) Thread : Cloth
   d) Moth : Wheat

General Knowledge & Awareness

26. 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

27. 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

28. 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

29. Who administered Monetary Policy?
   a) GOI
   b) SBI
   c) RBI
   d) State Governments
   e) None of these

30. 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

31. 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

32. Which of the following deals with the small and medium enterprises?
   a) IFCI
   b) NABARD
   c) SIDBI
   d) RBI
   e) None of these

33. 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

34. The major stakes of NABARD is owned by whom?
   a) Central Government
   b) SBI
   c) Ministry of Finance
   d) RBI
   e) None of these

35. 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

36. Who issues the Sovereign Gold Bond?
   a) Ministry of Finance
   b) GOI
   c) State Governments
   d) RBI
   e) None of these

37. DRI stands for which of the following?
   a) Different Rate of Interest
   b) Differential Rate of Interest
   c) Different Ration for Indians
   d) Different Rate of Interest-bond
   e) None of these
38. What is the minimum investment in SGB?
   a) Five Grams  
   b) Four Grams 
   c) Three Grams 
   d) Six Grams 
   e) One Gram

39. Which of the following Forts was not built in Akbar’s time?
   a) Agra Fort 
   b) Lahore Fort 
   c) Purana Qila 
   d) Allahabad Fort

40. In whose reign, the peacock (Mayur) throne was constructed?
   a) Humayun 
   b) Akbar 
   c) Shahjahan 
   d) Babur

41. 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

42. 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

43. Dome mountain are the result of
   a) Intrusion of magma 
   b) Folding 
   c) Frictions at the joints of the rocks 
   d) Faulting

44. Creators or calderas are –
   a) Rift valley 
   b) Hollows created by removed of volcanic cones 
   c) Sink holes 
   d) Pot holes

45. 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

46. 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

47. 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

48. 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

49. Pappu Karki, the popular Kumaoni folk singer has passed away. He was a native of which state?
  a) Jammu & Kashmir
  b) Himachal Pradesh
  c) Uttarakhand
  d) Assam

50. India’s first-ever national police museum will be established in which city?
  a) Chennai
  b) Delhi
  c) Nagpur
  d) Kolkata

Mathematics

51. The minimum value of $2\sin^2\theta + 3\cos^2\theta$ is
  a) 0
  b) 3
  c) 2
  d) 1

52. If $0^\circ < \theta < 90^\circ$ the value of $\sin\theta + \cos\theta$ is:
  a) Equal to 1
  b) Greater than 1
53. Maximum value of \((2\sin\theta + 3\cos\theta)\) is
   a) 2
   b) \(\sqrt{13}\)
   c) \(\sqrt{15}\)
   d) 1

54. \(\cos1^\circ.\cos2^\circ.\cos3^\circ.\cos4^\circ.\ldots\ldots.\cos178^\circ.\cos179^\circ = ?\)
   a) 0
   b) 1
   c) 2
   d) \(\sqrt{3}/2\)

55. The angles of a triangle are \((x + 5)^\circ, (2x - 3)^\circ\) and \((3x + 4)^\circ\). The value of \(x\) is?
   a) 30°
   b) 31°
   c) 29°
   d) 28°

56. The area of a circle is increased by 22 cm\(^2\), if its radius is increased by 1 cm. Find the original radius of the circle?
   a) 6 cm
   b) 3.2 cm
   c) 3 cm
   d) 3.5 cm

57. The area of the largest circle that can be drawn inside a rectangle with sides 148 cm by 14 cm is?
   a) 49 cm\(^2\)
   b) 154 cm\(^2\)
   c) 378 cm\(^2\)
   d) 1078 cm\(^2\)

58. A circle is inscribed in an equilateral triangle of side 8 cm. The area of the portion between the triangle and the circle is?
   a) 11 cm\(^2\)
   b) 10.95 cm\(^2\)
   c) 10 cm\(^2\)
   d) 10.50 cm\(^2\)

59. The area of a sector of a circle of radius 5 cm, formed by an arc of length 3.5 cm is?
   a) 8.5 cm\(^2\)
   b) 8.75 cm\(^2\)
   c) 7.75 cm\(^2\)
60. The radius of a circular wheel is 1.75 m. The number of revolutions it will make in travelling 11 km is?
   a) 800
   b) 900
   c) 1000
   d) 1200

61. 10 kg of wheat priced at Rs. 8 mixed with 15 kg of wheat priced at Rs. 10. What is average price of whole mixture?
   a) ₹ 9.5 kg
   b) ₹ 9.2 kg
   c) ₹ 7.5 kg
   d) ₹ 8.5 kg

62. 40 litres of a mixture of milk and water contains 10% of water, the water to be added, to make the water content 20% in the new mixture. Find how many litres water will be added?
   a) 6 litres
   b) 6.5 litres
   c) 5.5 litres
   d) 5 litres

63. A sugar solution of 3 litre contain 60% sugar. One litre of water is added to this solution. Then the percentage of sugar in the new solution is
   a) 30
   b) 45
   c) 50
   d) 60

64. The acid and water in two vessels A and B are in the ratio 4 : 3 and 2 : 3. In what ratio should the liquid in both the vessels be mixed to obtain a new mixture in vessel C containing half acid and half water?
   a) 7 : 5
   b) 5 : 7
   c) 7 : 3
   d) 5 : 3

65. The ratio of spirit and water in two mixtures of 20 litres and 36 litres is 3 : 7 and 7 : 5 respectively. Both the mixtures are mixed together. Now the ratio of the spirit and water in the new mixture is
   a) 25 : 29
   b) 29 : 10
   c) 27 : 29
   d) 27 : 31
66. AB = 8 cm and CD = 6 cm are two parallel chords on the same side of the centre of a circle. The distance between them is 1 cm. The radius of the circle is
   a) 5 cm  
   b) 4 cm  
   c) 3 cm  
   d) 2 cm

67. The length of two chords AB and AC of a circle are 8 cm and 6 cm and \( \angle BAC = 90^\circ \), then the radius of circle is
   a) 25 cm  
   b) 20 cm  
   c) 4 cm  
   d) 5 cm

68. The distance between two parallel chords of length 8 cm each in a circle of diameter 10 cm is
   a) 6 cm  
   b) 7 cm  
   c) 8 cm  
   d) 5.5 cm

69. The two tangents are drawn at the extremities of diameter AB of a circle with centre P. If a tangent to the circle at the point C intersects the other two tangents at Q and R, then the measure of the \( \angle QPR \) is
   a) 45°  
   b) 60°  
   c) 90°  
   d) 180°

70. AB is a chord to a circle and PAT is the tangent to the circle at A. If \( \angle BAT = 75^\circ \) and \( \angle BAC = 45^\circ \) and C being a point on the circle, then \( \angle ABC \) is equal to
   a) 40°  
   b) 45°  
   c) 60°  
   d) 70°

71. A sum of rs-400 amount to rs-480 in 4 years. What will it amount to if the rate of interest is increased by 2%?
   a) 480  
   b) 560  
   c) 512  
   d) 536

72. At what rate percent per annum will the simple interest on a sum of money be 2/5 of the principal amount in 10 years?
   a) 4%  
   b) 6%
73. A sum of ₹1550 was lent partly at 5% and partly at 8% simple interest. The total interest received after 3 years is ₹300. The ratio of money lent at 5% to that at 8% is
a) 5 : 8
b) 8 : 5
c) 31 : 6
d) 16 : 15

74. What sum of money will amount to 8 years and to 568 in 7 years at simple interest?
   a) 400
   b) 120
   c) 510
   d) 220

75. What sum will amount to ₹7000 in 5 years at 3.33 percent simple interest?
   a) 6300
   b) 6500
   c) 6000
   d) 5000

**English**

76. 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

77. 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

78. 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

79. 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) Irrelavant

80. Choose the word that is nearest in meaning to the capitalised word. ABASE:  
a) Humiliate or degrade oneself  
b) Uncouth  
c) Baseless  
d) Forceful

81. Choose the word that is nearest in meaning to the capitalised word. SHAM:  
a) Rubbish  
b) Lovable  
c) Pretence  
d) Guilty

82. In the following question pick the wrong spelt word.  
a) Autopsy  
b) Autocratic  
c) Akward  
d) Asylum

83. In the following question pick the wrong spelt word.  
a) Abnormity  
b) Aberration  
c) Abstinant  
d) Abstention

84. 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.

85. They had a narrow escape  
a) / when skating as  
b) / roaring avalanche  
c) / just missed them.

86. 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.

87. When he reached the doctors house he ....... out already.
   a) Went
   b) gone
   c) has gone
   d) had gone

88. 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:

89. EXONERATE
   a) Moderate
   b) Accuse
   c) Watchful
   d) Acquire

90. REPLETE
   a) Disentangle
   b) Improper
   c) Devoid
   d) Renovate

Directions: Choose the Synonym of the following:

91. SPORADIC
   a) Epidemic
   b) Whirling
   c) Occasional
   d) Stagnant

92. SOPORIFIC
   a) Flattering
   b) Sickening
   c) Exciting
   d) Sleep-producing

Directions: In the following questions, you have a brief passage with five questions following the passage. Read the passage carefully and choose the best answer to each question out of the four alternatives and indicate your correct alternative.
While it may suit adult students very well it is very doubtful whether correspondence education would be adequate for undergraduates of the usual college age group of sixteen to twenty. Young people in their teens need the discipline and the supervision of a regular college course with all that it involves in the observance of an integrated schedule of work and play the personal association with teachers, and the psychological stimulus provided by competition with other students. There are obvious exceptions of course, such as the physically handicapped, who cannot get full value from a normal college education, but on the whole this distinction between young students and mature scholars is valid enough. It is therefore evident that the correspondence system of education, with provide access to higher studies to people who would otherwise be denied it, but it will do little to ease the pressure on existing colleges.

93. Correspondence courses are most suitable for:
   a) teenagers
   b) villagers
   c) Those who are between sixteen and twenty
   d) none of the above

94. Correspondence courses are designed in such a way as to:
   a) enforce better discipline in schools and colleges.
   b) Stimulate the students for competition.
   c) gain a personal association with teachers through correspondence.
   d) enable those who could not as adults attend colleges to obtain education if they so desire.

95. The difference between the young students and mature scholars is:
   a) that the former are more disciplined than the latter.
   b) that the latter need lesser personal attention than the former.
   c) that the former are more competitive than the latter.
   d) that the latter are psychologically better equipped than the former.

96. A regular college course for youngsters is desirable because:
   a) they cannot carry on with their studies independently.
   b) that ensures a neatly arranged programme of academic work that is proper for their age.
   c) they always need the assistance of teachers to study properly.
   d) otherwise, they will be physically and mentally handicapped

97. The correspondence system of education is expected to:
   a) reduce the quantum of rush to the colleges existing at present.
   b) bring about no change in the pattern of admissions to colleges.
   c) create more opportunities for the weaker sections to obtain higher education.
   d) increase the number of educated unemployed in the country.

Directions: In the following passage there are blanks, each of which has been numbered. These numbers are printed below the passage and against each, five words are suggested, one of which fits the blank appropriately. Find out the appropriate word in each case.

It called for help from the jackal to get out of the well. But the jackal ran away smiling and with the pride of having ...(93)... the poor goat. On the way he met a cat. Most sarcastically he told the
cat, “Oh ! You lot is really pitiable. For food you have to ...(94)… on left-overs. You have to go to the backside of houses, hotels or garbage dumps for your food. I catch fouls, kill and eat them.” When he was ...(95)… like this some hunting dogs came that way. The cat was clever. It jumped up on a tree. But the jackal had ...(97)… to go. Even though it tried to run, the hunting dogs ...(97)… it and killed it. All his slyness, could not save him, from his doom.

98. (a) won (b) gained (c) ditch (d) cheated

99. (a) depend (b) hunt (c) wait (d) bent

100. (a) whispering (b) moaning (c) boasting (d) crying