Krishi Prajukti Sahayak
694195

Question Booklet Series **C**

Question Booklet No.

KPS exam.

Total Marks : 150
(Part-I : 120; Part-II : 30)

Time : 1½ Hours

C

PART – I

Each question in this section carries one mark. Negative marks of 0.25 will be deducted for every wrong answer.

1. Safed Hathi was directed by this film maker :
   (A) Tapan Sinha   (B) Tarun Majumdar   (C) Ajay Kar   (D) Satyajit Roy

2. Fill in the blank :
   We are going to invite him _____ dinner.
   (A) to   (B) for   (C) at   (D) towards

3. If $9^x = 3^y$, then
   (A) $x^2 = y$ (B) $2x = y$ (C) $x = 2y$ (D) $y^2 = x$

4. If the area of the circumcircle of an equilateral triangle be 616 sq.m., then the height of the triangle is (in m.)
   (A) 28   (B) 7   (C) 14   (D) 21

5. The tidal forest is known as
   (A) Tropical Evergreen Forest   (B) Wet Deciduous Forest
   (C) Mangrove Forest   (D) Alpine Forest

6. Which root of the inequality $7x + 5 > 5x + 9$ lies within the set {0, 1, 2, 3} ?
   (A) 0   (B) 1   (C) 2   (D) 3

7. Mr. Banerjee bought a government cash certificate at yearly 14% simple interest in this context that his wife and son will get the amount in 3 : 2 ratio after 10 years. If son received ₹ 6,720 after the term, then value of the certificate was
   (A) ₹ 6,000   (B) ₹ 7,000   (C) ₹ 5,000   (D) ₹ 10,000

8. The nick name of Swami Vivekananda was
   (A) Surendranath   (B) Narendranath   (C) Bhupendranath   (D) Sailendranath

9. The author of 'An Unknown Indian' is
   (A) Kuldip Nayar   (B) Amrita Pritam
   (C) Nirad C. Choudhuri   (D) Anurag Mathur

10. The value of $\tan 4° \tan 43° \tan 47° \tan 86° \tan 45°$ is
    (A) $\sqrt{3}$ (B) $1/\sqrt{3}$ (C) 1   (D) 0

11. The angles of a triangle are in the ratio 1 : 2 : 3. The angles are
    (A) 45°, 90°, 180°   (B) 10°, 20°, 30°   (C) 30°, 60°, 90°   (D) 20°, 40°, 60°

12. The magnitude of "gravity of earth : gravity of moon" is approximately
    (A) 1 : 6   (B) 1 : 80   (C) 6 : 1   (D) 80 : 1

13. In West Bengal the percentage of seats reserved for women in the Panchayat is
   (A) 20%   (B) 33%   (C) 30%   (D) 50%

14. Choose the correct combination so as to form a meaningful sentence :
   All religions are
   1. justice and freedom   2. to advance the cause of peace
   3. in a holy partnership   4. bound together
   (A) 4321   (B) 2314   (C) 1342   (D) 3241

15. The constituent particles of the nucleus of atom are
   (A) proton and electron   (B) proton and neutron
   (C) neutron and electron   (D) neutron and positron

16. Plucking -- Rolling -- Fermenting -- Drying -- Sorting -- Blending -- Packing etc. are the process for marketing the crop of
   (A) Coffee   (B) Sugarcane   (C) Edible oil   (D) Tea

17. The paramilitary forces who guarded Nazi meetings and attacked the gatherings of other parties.
   (A) Elite Guards   (B) Gestapo   (C) Red Shirts   (D) Storm Troopers

18. Choose the sentence which is grammatically correct.
   (A) He is vulnerable to criticism.   (B) He is vulnerable for criticism.
   (C) He is vulnerable from criticism.   (D) He is vulnerable at criticism.

19. What is the pseudonym of Madhusudan Dutta ?
   (A) Srim   (B) Moumachi
   (C) Nabakumar Kabiratna   (D) Poyen

20. Area of a circle 'a' sq.units, circumference is 'b' units and diagonal is 'c' units. Value of a/bc will be
   (A) 1   (B) 2   (C) 1/4   (D) 1/2

21. The age of Sukanta Babu is twice that of the elder son. Ten years later he will be three times old as his younger son. If the difference between the ages of the two sons is 15 years, the present age of Sukanta Babu is
   (A) 70 years   (B) 64 years   (C) 50 years   (D) 57 years

22. Choose the correct answer from the alternatives given :
   The jury _____ divided in their opinion.
   (A) has   (B) have   (C) is   (D) are

23. Complete the sentence below with the most appropriate word from the alternatives given :

Teacher is to pupil as master is to _____.

(A) minor   (B) slave   (C) attendant   (D) authority

24. Which organ of fish act as rudder ?

(A) Tail Fin   (B) Heart

(C) Swim Bladder   (D) Lateral Line Sense Organ

25. Which sports playing area is 2.7 metres by 1.5 metres ?

(A) Billiard   (B) Table Tennis   (C) Lawn Tennis   (D) Cricket

26. Choose the best response to complete the given sentence :

At Wimbledon, Andre Agassi is again the _____ of attention.

(A) celebration   (B) centre   (C) cause   (D) front

27. Scientist Aryabhatta was in which dynasty ?

(A) Maurya   (B) Kushan   (C) Satvahana   (D) Gupta

28. Wind speed is measured by an instrument

(A) Barometer   (B) Anemometer

(C) Sextant   (D) Hygrometer

29. The number of members nominated to the Rajya Sabha by President

(A) 2   (B) 10   (C) 15   (D) 12

30. Two tangents PA and PB are drawn from the external point P of a circle with centre at O. If angle APO = 30°, angle AOB =

(A) 180°   (B) 150°   (C) 120°   (D) 60°

31. L.C.M. of x^2yz, xy^2z and xyz^2 is –

(A) xyz (B) $x^2y^2z^2$ (C) x^2yz (D) xyz^2

32. Sea water is salty in taste due to presence of

(A) $CaCl_2$ (B) $MgCl_2$ (C) $NaCl$ (D) $AlCl_3$

33. A wire in the form of circle of radius 42 cm is cut and bent in the form of a square. The length of the side of the square thus formed is

    (A) 21 cm   (B) 66 cm   (C) 33 cm   (D) 132 cm

34. Most hardest part in teeth is

    (A) Dentine   (B) Bone   (C) Enamel   (D) Bone marrow

35. 5% more is gained by selling a cow for ₹ 1,010 than by selling it for ₹ 1,000. Find the cost of the cow.

    (A) 100   (B) 150   (C) 200   (D) 250

36. Choose the correct alternative :

"These mangoes are _____ ripe."

    (A) more   (B) almost   (C) most   (D) almostly

37. Complete the simile :

"As brittle as _____."

    (A) metal   (B) mirror   (C) glass   (D) iron

38. Three angles of a quadrilateral are 100°, 90° and 92° respectively. Find the value of fourth angle.

    (A) 50°   (B) 60°   (C) 78°   (D) 80°

39. It takes four hours for a 300 km journey, if 60 km is done by train and the rest by car. It takes 10 minutes more, if 100 km is done by train and the rest by car. The ratio of the speed of the car to that of the train is

    (A) 2 : 3   (B) 3 : 2   (C) 3 : 4   (D) 4 : 3

40. It all happened suddenly. The opposite of 'suddenly' is

    (A) abruptly   (B) quietly   (C) momentarily   (D) gradually

41. The full form of ICAR is

    (A) Indian Council of Agricultural Research
    (B) Indian Council of Atomic Research
    (C) International Civil Aviation Organization
    (D) International Committee of the Red Cross

42. Two trains are moving in the same direction at 84.5 kmph and 48.5 kmph. The faster train crosses a man sitting in slower train in 15 seconds. The length of the faster train is

    (A) 150 m   (B) 120 m   (C) 115 m   (D) 100 m

43. The average weight of a class of 45 students is 35 kg. If the weight of the teacher is included, the average weight increases by 500 gm. The weight of the teacher is (in kg.)

(A) 35.5   (B) 45.5   (C) 46   (D) 58

44. An exclamation is given. Choose the most appropriate statement form of the sentence from the alternatives given and select your choice :

What a disappointment !

(A) It is a disappointment.   (B) I am very disappointed.

(C) Nothing could be more disappointing.   (D) It is a great disappointment.

45. He and I am well. Correct the error from the following alternatives :

(A) is   (B) are   (C) was   (D) am

46. What is the amount of pH in acid rain ?

(A) 7   (B) 5.5 – 6.9   (C) < 5.5   (D) > 7

47. Many people died for Cholera. Choose the correct alternative to remove error.

(A) in   (B) of   (C) with   (D) to

48. The sceneries of Kashmir are very charming. Rewrite the sentence correcting errors. Select the correct option.

(A) The scenery of Kashmir is very charming.

(B) The sceneries of Kashmir is very charming.

(C) The scenery of Kashmir are very charming.

(D) The scenery of Kashmir's is very charming.

49. Lokesh's school bus is facing North when it reaches his school. After starting from Lokesh's house, if turns right twice and then left before reaching the school. What direction was the bus facing when it left but stop in front of Lokesh's house ?

(A) North   (B) South   (C) East   (D) West

50. Who was Susrut ?

(A) Artist   (B) Philosopher   (C) Doctor   (D) Novelist

51. The boys of a reputed institution have "come off with flying colours" in Higher Secondary Examination. Here, the quoted idiom means

(A) to achieve distinction   (B) to decorate oneself with colours

(C) to come to greet someone   (D) to be in a jovial mood

52. If in a certain language, Bengaluru is coded CFOHBMVSV, how is Kolkata coded in that code ?

(A) ATAKLOK (B) JNKJZSZ (C) LPMLBUB (D) OKKLTAA

53. Choose the correct option of passive form :

"She makes a doll."

(A) She made a doll. (B) A doll is made by she.

(C) A doll is made by her. (D) A doll was made by her.

54. In an election 75% voters have polled vote. Out of which 2% are cancelled. Getting 75% votes of valid vote who selected got 9261 votes. No. of voters in the centre was

(A) 16400 (B) 16800 (C) 16200 (D) 16000

55. Choose from the given alternatives (A), (B), (C) and (D) the word that may be correctly used to fill up the blank space in the following sentence :

The _____ of the Head of the state created political unrest and instability.

(A) disuse (B) disease (C) decease (D) diffuse

56. The time difference between I.S.T and G.M.T is

(A) 5 hrs 30 minutes (B) 5 hrs (C) 5 hrs 45 minutes (D) 6 hrs

57. Find the correctly spelt word :

(A) theseruss (B) thesaruss (C) thesarus (D) thesaurus

58. Choose the sentence which is correct :

(A) Put down your name on this page (B) Put in your name on this page

(C) Put out your name on this page (D) Put up your name on this page

59. Choose the antonym of the quoted word :

She can't attend office as she's 'unwell'.

(A) indisposed (B) unhealthy (C) fit (D) ailing

60. 'Pan' or betel leaves are one of the important commercial produce of this district :

(A) 24 Parganas (B) Howrah (C) Medinipur (D) Purulia

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61. Pick out the correct meaning of the following Idiom :
To keep one's head.
(A) To be logical.
(B) To remain cool
(C) To be very clever.
(D) To impress upon a man.

62. The painting named 'The Last Supper' was the work of
(A) Leonardo-da-Vinci
(B) Michelangelo
(C) Raphael
(D) Renoir

63. Tick the correct answer :
He enjoyed during the holidays.
(A) He enjoyed itself during the holidays.
(B) He enjoyed oneself during the holidays.
(C) He enjoyed himself during the holidays.
(D) None of the alternatives

64. Fill in the blank with right preposition :
The sacred portals _____ Kedarnath will reopen on April 24th after their winter-time closure.
(A) in
(B) from
(C) of
(D) inside

65. Choose the correct option :
"Sheena, with all her cousins, _____ gone for a movie."
(A) have
(B) has
(C) have been
(D) has been

66. The difference of two acute angles in a right angled triangle is $2\pi/5$. The value of the smallest angle is
(A) 15°
(B) 10°
(C) 9°
(D) 6°

67. Terracing is a process of
(A) Forest conservation
(B) Soil conservation
(C) Water conservation
(D) Wildlife conservation

68. The abstract noun of 'decent' is
(A) decency
(B) decence
(C) dececness
(D) dence

69. Choose the correct alternative :
(A) For sale, table, property of a writer with carved legs
(B) For sale, table of a writer, property with carved legs
(C) For sale, carved legs table, property of a writer
(D) For sale, table with carved legs, property of a writer

9

Series-C

70. The Author of the book 'Saheb-Bibi-Gulam' is
    (A) Ashapurna Devi   (B) Bimal Mitra
    (C) Bimal Kar   (D) Samaresh Basu

71. 'Jim Corbett National Park' is in the state of
    (A) Uttarakhand   (B) Jammu & Kashmir
    (C) Madhya Pradesh   (D) Uttar Pradesh

72. Fill in the blank with correct alternative.
The poor have no enmity _____ each other.
    (A) for   (B) against   (C) with   (D) to

73. A profit of 12% is made when a mobile phone is sold at ₹ P and there is 4% loss when the phone is sold at ₹ Q. Then Q : P would be
    (A) 1 : 1   (B) 4 : 5   (C) 1 : 3   (D) 6 : 7

74. Choose the correct alternative :
Every man should be given his_____.
    (A) dew   (B) due   (C) do   (D) deu

75. The first Field Marshal of the Armed Forces of India was
    (A) Gen. Rajendra Singh   (B) S. H. F. J. Manekshaw
    (C) Gen. A. S. Vaidya   (D) Gen. K. Sundarji

76. Present Governor of the Reserve Bank of India is
    (A) Dr. Raghuram Rajan   (B) Dr. Subba Rao
    (C) Shree Dr. Urjit Patel   (D) Shree Montek Singh Ahluwalia

77. Choose the correct option :
"I shall stand by you _____ thick and thin."
    (A) in   (B) with   (C) through   (D) about

78. Choose the antonym of the quoted ' ' word :
He is a 'seasoned' traveller.
    (A) unaccustomed   (B) adept   (C) veteran   (D) experienced

79. The sun is overhead at the tropic of cancer on
    (A) 21st March   (B) 21st June   (C) 23rd September   (D) 22nd December

80. A number series is given below with one term missing. Choose the correct alternative that will continue the same pattern and fill in the blank space.
0 , 6 , 12 , 24 , 36 , 54 , ? ,
    (A) 60   (B) 78   (C) 66   (D) 72

10

Series-C

81. There are four parts of a sentence (P, Q, R, S) put in jumbled order. Put them in right order to form a meaningful sentence. Select the correct response from the options given.
    P - have left unimpeachable testimony that
    Q - and could not possibly live without it
    R - three of the greatest teachers of the world Buddha, Jesus and Muhammad
    S - that they found illumination through prayer
    (A) RQPS   (B) SPQR   (C) PSRQ   (D) RPSQ

82. If $\sin^2 40° + \sin^2 \theta = 1$, then find the value of θ.
    (A) 55°   (B) 40°   (C) 50°   (D) 0°

83. In a food-chain, tiger is a
    (A) primary consumer   (B) primary producer
    (C) secondary consumer   (D) tertiary consumer

84. Choose the correct synonym of the quoted word :
    No one was listening to his tale of 'woe'.
    (A) Mirth   (B) Smile   (C) Happiness   (D) Satisfaction

85. There are four parts of a sentence (P, Q, R, S) put in jumbled order. Put them in right order to form a meaningful sentence. Select the correct response.
    P = Your proposal
    Q = is admirable
    R = that the money should be used
    S = to build a nursery school.
    (A) PRSQ   (B) RSQP   (C) PSRQ   (D) PSQR

86. Read the sentence and choose the most suitable of the choices given below :
    He swagger around the stage in a black jumpsuit.
    Here 'swagger' means to
    (A) accompany someone   (B) travel on foot
    (C) walk with an air of superiority   (D) tread thoughtlessly

87. Power alcohol is
    (A) 95.5% alcohol
    (B) 100% alcohol
    (C) a mixture of ethanol and methanol
    (D) a mixture of ethanol and petrol in equal volumes + benzene

88. Find the rightly spelt word from the following ones :
    (A) Honorary   (B) Honourary   (C) Honourery   (D) Honorery

89. Fill in the blank with correct alternative :
    You must reap what you have _____.
    (A) sew   (B) sow   (C) sown   (D) will sow

11   P.T.O.

90. What will be the interest of ₹ 750 for 146 days at the rate of 3½% simple interest annually ?
    (A) ₹ 10.50 (B) ₹ 11.50 (C) ₹ 12.50 (D) ₹ 13.50

91. In the first 15 overs of a one-day cricket match, the run rate was only 6.2. To reach the target of 303 runs in the remaining 35 overs, the run rate should be
    (A) 14.43 (B) 6.2 (C) 6 (D) 5.73

92. Which of the following is not correctly matched ?
    (A) Cactus – Mucilage
    (B) Rohu fish – Lateral line sense organ
    (C) Sundri tree – Leaf is modified into spine
    (D) Pigeon – Pneumatic bone

93. Which is the different in the group from other – Pather Panchali, Agantuk, Meghe Dhaka Tara, Mahanagar ?
    (A) Agantuk (B) Meghe Dhaka Tara
    (C) Mahanagar (D) Pather Panchali

94. A person bought a house taking loan ₹ 8,00,000 at yearly 5% simple interest. To pay the loan with interest he rent the house at monthly ₹ 10,000. He will repay the loan after
    (A) 12 yrs. (B) 10 yrs. (C) 8 yrs. (D) 20 yrs.

95. A 700 gm dry fruit gift pack costs ₹ 144. It contains some cashew nut and the rest are raisin. If cashew nut costs ₹ 192 per kg and the raisin ₹ 224 per kg, the quantity of the raisin in the box is
    (A) 300 gm (B) 400 gm (C) 200 gm (D) 350 gm

96. Metal presents in chlorophyll is
    (A) Manganese (B) Calcium (C) Magnesium (D) Molybdenum

97. The "Guardian of the Indian Constitution' is
    (A) Constituent Assembly (B) Central Ministry
    (C) Bureaucracy (D) Supreme Court

98. If TOM = 48 and DICK = 27, what is HARRY equal to ?
    (A) 50 (B) 80 (C) 60 (D) 70

99. I do not see eye to eye with her in this matter. Here 'see eye to eye' means :
    (A) argue (B) oppose (C) agree (D) adjust

100. Gour is a famous Indian animal. What is its type ?
    (A) Wild Buffalo (B) Wild Cow (C) Indian Bison (D) Wild Ox

101. Fourth proportion of xy, $\overline{yz}$ and $\overline{zx}$ is –

    (A) x^2 (B) y^2 (C) z^2 (D) xy

102. If goods be purchased for ₹ 450, and one-third be sold at a loss of 10% then find the gain percent should the remainder be sold so as to gain 20% on the whole transaction.

    (A) 35%   (B) 30%   (C) 25%   (D) 20%

103. Sachin Tendulkar is greater than most other cricketers.

Rewrite the sentence using superlative degree of the adjective. Select the correct option.

    (A) Sachin Tendulkar is the greatest cricketer.

    (B) Sachin Tendulkar is one of the greatest cricketers.

    (C) No other cricketer is as great as Sachin Tendulkar.

    (D) Sachin is greater than any other cricketer.

104. The main commercial fibre crop of India is

    (A) flex   (B) jute   (C) mesta   (D) cotton

105. A's money is 2/3 part of B's money and B's money is 4/5 part of C's money. A : C will be

    (A) 8 : 15   (B) 15 : 8   (C) 8 : 19   (D) 19 : 8

106. If $(3a + 7b) : (5a - 3b) = 5 : 3$, then value of a : b is

    (A) 9 : 4   (B) 4 : 9   (C) 3 : 2   (D) 2 : 3

107. Indian Classical dance was popularised abroad by

    (A) Hema Malini   (B) Sudha Chandran

    (C) Uday Shankar   (D) Yamini Krishnamurthy

108. Susil Babu deposited ₹ 7,000 at 8% yearly simple interest in post office few years ago. After his death, his wife got ₹ 12,600 back. Susil Babu deposited the money _____ years ago.

    (A) 7   (B) 10   (C) 5   (D) 6

109. Express a speed of 18 km/h in metres per second.

    (A) 4   (B) 5   (C) 6   (D) 7

110. The root word is given, choose another appropriate word from the alternatives given to form a sensible compound word. Tick your choice --- Sword ---

    (A) stroke   (B) man   (C) fighter   (D) handle

111. Before repairing a bike needs 4/5 hr per day servicing for 60 days. After repairing it need servicing same hr per day for 80 days. The time fraction save of servicing after repairing is

    (A) 4/5 part   (B) 5/16 part   (C) 5/6 part   (D) 2/5 part

112. Find out the synonym of 'Renegade' :

    (A) Dishonest   (B) Deserter   (C) Sinner   (D) Rebel

113. How many Mondays are there in a particular month of a year, if the month ends on Wednesday ?

    (A) 4   (B) 5   (C) 4 or 5   (D) None

114. In a mixture of 90 litres, the ratio of milk and water is 2 : 1. If the ratio is to be 2 : 3, then the quantity of water to be further added is (in litres)

    (A) 60   (B) 54   (C) 72   (D) 30

115. The smallest perfect square number that is divisible by 2, 3, 4, 5 and 6 would be

    (A) 60   (B) 3600   (C) 900   (D) 120

116. Which of the following is correct ?

    (A) 1MB = 2048 bites   (B) 1 KB = 1024 bites

    (C) 1 MB = 1000 KB   (D) Both (A) and (B)

117. World Environment Day is celebrated on

    (A) 25th December   (B) 20th September

    (C) 5th June   (D) 9th July

118. In a city the taxi fare is ₹ 18 for the 1st one kilometre or less and then ₹ 1.50 for every extra kilometre or part thereof. A man paid ₹ C after travelling x km$(x > 1)$, then which relation is true ?

    (A) $C = 18 + 3x$ (B) $C = 18 + \dfrac{3}{2}x$

    (C) $C = 18 + \dfrac{3}{2}(x - 1)$ (D) $C = 18x + \dfrac{3}{2}(x - 1)$

119. Fill in the blank.

I was astonished _____ the bad news.

    (A) at   (B) in   (C) with   (D) to

120. In the West Bengal Legislative Assembly a quorum is when, of the total membership, there is the presence of

    (A) One tenth   (B) One fourth   (C) One half   (D) One third

PART - II

121. Write a précis of the passage :

Birds are beautiful gifts of nature. Their songs and sounds make nature vibrant with life. Their beautiful looks, colors and sweet notes make nature charming. Their contribution to environment is very important. They eat pests and insects and thus protect crops from being devoured by these small creatures that infest the corn fields. Birds like crows find their food in the heaps of rubbish and vultures eat rotten flesh of dead cattle. Thus they keep our environment clean and fit for living. They plan an important role in maintaining the balance of ecosystem. But it is a matter of regret that growing urbanization and the filling of water bodies are destroying natural habitat of birds and some of species face extinction.

Birds and Nature

Birds are the be valuable gift
Nature gives a valuable gift
Birds enlarges the beauty. of nature by
Nature their songs, looks, and sweetness. They
& maintain play a major role in balance of
nature. But it is due to natural growing
of urbanization and natural habitat
of birds are faced and some of specices
are become extinct.

A   B   C   D
                          A
C   C
        106   X   73-74
              108 - A
              97 - 105 - B

60
―――――― = 2/3
30+n
2n = 180-60
n = 60/4

15

57
15
――
42

73-96 - C
97 - 105 - B
105 - 120 -