RACE SOLUTIONS PRESENTS

RACE 2 IAS

CATEGORY 2

STD 10,11,12

Questions: 50
Marks :100
Time: 1 Hr.

MODEL CIVIL SERVIC EXAM FOR SCHOOL STUDENTS

ASSOCIATED WITH KCBC COMMISSION FOR EDUCATION

Register No.:………………………………………

PAPER 2. **Race Aptitude test**

INSTRUCTIONS FOR CANDIDATES

(a) Please make sure you have got correct answer sheet with corresponding category code and exam code.

(b) Make sure this test booklet does not have any unprinted or torn or missing pages .
If so inform your invigilator and get replaced by a new test booklet.

(c) Use **blue or black ball point pen** only for marking bubbles.

(d) You have to enter your roll number on the test booklet in the box provided above.

(e) Please do not open the test booklet until you are told to do so.
Do not write anything on the test booklet.

(f) This test booklet contains **50 questions carrying 2 marks** each

(g) Each question comprises of four responses (answers). You have to select the response you want to make on the answer sheet only. In case you find that there are more than one correct response , you have to mark the response which you consider the best.

(h) In any case choose **only one** answer for a question.

(i) When the examination has concluded, you should hand over answer sheet to the invigilator.
You are permitted to take the test booklet.

(j) No candidate shall be allowed to leave the hall before completion of the examination.

Penalty for wrong answers.

a) There will be penalty of **0.50 marks for the wrong answers** marked by the candidate.

b) If a candidate gives more than one answer it will be treated as a wrong answer.

c) If a question is left blank there will not be any penalty for that question.

Directions: (1-8) Read the following passage carefully and answer the questions given below

Govind's father was a rich landlord, who was loved and respected by all his tenants. When he died, he left large tracts of land to Govind. But Govind did not spend a single day looking after his land. He had a funny idea, that there existed a magic potion which, if it was poured on any object would turn it into gold. He spent all his time trying to learn about this potion. People took advantage of him and cheated him. His wife grew anxious. Given the amount of money Govind was spending, she was sure that they would soon be paupers.

One day, a widely respected sage who had been to the Himalayas came to their town. Govind asked him about the potion. To his surprise the sage answered, "I have learnt how to brew such a potion. But it is a difficult process." "Tell me!" insisted Govind, hardly able to believe his luck. "You have to collect the dew which settles on the leaves of a banana tree every morning during winter. There is a condition though. The tree should be planted and watered regularly with your own hands. Store the collected dew in an earthen vessel and when you have five litres, bring it to me. I will recite a sacred mantra to transform the dew into the potion. A drop of the potion will be sufficient to change any object into gold."

Govind was worried. "Winter is only for a few months in the year. It will take me years to collect the dew." "You can plant as many trees as you want," replied the sage.,Govind went home and after talking to his wife, began clearing the large fields which has been lying vacant for years. He planted rows of banana saplings. He tended them with great care. His wife helped him too. She would take the banana crop to market and get a good price. Over the years the plantation grew and finally after six years Govind had five litres of dew. He went to the sage who smiled, uttered a mantra and sprinkled a few drops of dew on a copper vessel. To Govind's dismay, nothing happened. "You have cheated me!" he shouted at the sage.

The sage, however, smiled. Govind's wife then came forward with a box. The sage opened it and revealed stacks of gold coins inside. Turning to Govind he said, "You worked hard on your land and created a plantation. Your wife sold the produce in the market. It was your hard work which created this wealth, not magic. If I had told you this earlier, you would not have listened." Govind understood the wisdom behind the sage's words and worked even harder from that day on.

1. Why did Govind decide to cultivate a banana crop?

(a) The soil of his land was suitable only for cultivating bananas.

(b) It was the most highly priced commodity in the region.

(c) It could be grown at any time of the year including winter

(d) The ingredient for the magic potion could only be obtained from a banana tree.

2. What made Govind angry with the sage?

(a) The sage had conspired with Govind's wife against him.

(b) He had forgotten the magic spell and all Govind's hard work was in vain.

(c) He had lost a good deal of money in cultivating bananas.

(d) None of these.

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3. How did Govind acquire his dream of gold finally?

(a) The sage gave him gold as a reward for his hard work was in vain.

(b) His wife diligently saved the gold he had received from his father.

(c) By selling the banana plantation.

(d) None of these.

4. Which of the following is TRUE in the context of the passage?

1. Govind was easily fooled by people.

2. Govind was preserving by nature.

3. The sage had never actually been to the Himalayas.

(a) Only 1

(b) Both 1 and 2

(c) Only 2

(d) Both 1 and 3

5. Why did Govind's father give him large plots of land?

(a) It was his way of instilling a sense of responsibility in his son.

(b) Govind was his only son and sole heir.

(c) To provide Govind with sufficient funds to pursue his interest of discovering a magic potion.

(d) He wanted Govind to continue to look after the tenants.

6. Which of the following can be said about the sage?

(a) He was cunning and plotted with Govind's wife to cheat him.

(b) He had no magical powers as such and used to swindle people.

(c) He was a good judge of people.

(d) He did not deserve his good reputation.

7. Why was Govind's wife worried?

(a) Govind had no knowledge of farming and could not cultivate the land he had inherited from his father.

(b) Govind had not friends because he was obsessed with finding a potion which would turn anything into gold.

(c) Govind was only interested in studying under different sages and neglected his family duties.

(d) Since Govind had devoted all his time and wealth to finding a magic potion they would soon be poor.

8**. Why did Govind's wife help him in the fields?**

1. To support her husband in his endeavour to find a magic potion.

2. The sage had advised her to help her husband succeed.

3. He needed someone to help him collect the dew.

(a) None

(b) Only 1

(c) Both 1 and 2

(d) 1,2 and 3

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Directions 9-11: In each of the following questions we have sentences given in four parts. Read each sentence to find out whether there is an error in it. The error, if any, be in one part of the sentence, the alphabet of that part is the answer

9. Most of the third world (a)/ country are experiencing (b)/ the ethnic and communal problems (c)/ in varying degrees (d)

10. In case of any land dispute (a)/panchayat officials (b)/will determine (c)/how the properties are to be divided (d).

11. You are learning English (a)/ for the last one year (b)/ but you show (c)/ no improvement whatsoever (d)

Directions:12-14 Which of the following phrases (a),(b), (c) and (d) given below each sentence should replace the phrase printed in the sentence to make it grammatically correct? If the sentence is correctly given then choose no correction required.

12. Starting out my own business at this time would affect the financial stability of my family.
(a) Starting up my
(b) For starting with
(c) To start out mine
(d) No correction required.

13. Use a tactic for mixing the inferior with good quality rice is dishonest and you will lose your license.
(a) Using tactics as
(b) Using a tactic like

(c) To use tactics
(d) Used to tactics like

14. The company will invest more six hundred crores in the next five years to expand its operations in Britain.
(a) will further invest
(b) has invested more than
(c) have invested over
(d) will be invested above

15. Several of our projects have delayed because the equipment we ordered was delivered late.
(a) have been delivered when
(b) delayed because of
(c) are delayed since
(d) were delayed with

Directions: (16-20)Rearrange the following six sentences A, B, C, D, E and F in the proper sequence to form a meaningful paragraph; then answer the questions given below them.

A. The hall was filled with children, teachers, students, family members and those who were close to him.
B. Normally, such ceremonies are attended by important people like industrialists, politicians and VIPs.
C. What I saw when I stepped into the hall amazed me.
D. I went home with the feeling that it was a most unusual oath taking ceremony with only those who were 'important' to him present.
E. When he was elected President, he invited me to the swearing in ceremony in the Central Hall of Parliament.

F. However, in this case everyone who attended the ceremony seemed to know him personally.

16. Which of the following should be the FIRST sentence after rearrangement?

(a) A   (b) B

(c) C   (d) E

17. Which of the following should be the SECOND sentence after rearrangement?

(a) B   (b) C

(c) D   (d) E

18. Which of the following should be the THIRD sentence after rearrangement?

(a) A   (b) B

(c) C   (d) D

19. Which of the following should be the FIFTH sentence after rearrangement?

(a) B   (b) C

(c) D   d) E

20. Which of the following should be the LAST (SIXTH) sentence after rearrangement?

(a) A   (b) B

(c) C   (d) D

21. The sum of three consecutive odd numbers is 147 then the middle number is?

(a) 47   (b) 48

c) 49   (d) 51

22. If a*b is a+b-ab then 5*7 equals

c) -23   (d) 35

(a) 12   (b) -47

23. The product of two positive numbers is 2500. If one number is four times the other, then the sum of the two numbers is

(a) 25   b) 125

C) 225   (d) 250

24. Which of the following is a perfect square as well as a cube?

    343, 125, 64, 81

(a) 81   (b) 125

 c) 343   (d) 64

25. The average of all the numbers between 6 and 50 which is divisible by 5 is?

a) 27.5   (b) 30

(c) 28.5   (d) 22

26. The average of 9 numbers is 30. The average of first 5 numbers is 25 and last 3 numbers is 35 . What is the 6th number?

(a) 20   (b) 30

c) 40   (d) 50

27. If a: b=7:9 and b: c=15:7. Then what is   a:c?

(a) 5:3   (b) 3:5

(c) 7:21   (d) 7:1

c) 10000   d) 7500

28. Two numbers are in the ratio 1:3. If their sum is 240, then their difference is?

  a) 120   (b) 108

    c) 100   d) 96

29. If 40% of a number is 30. Find 56% of the same number

(a) 40   (b) 42

c) 39   d) 37

30. The length of a rectangle is first increased by 10% then decreased by 5%. Find net percentage change on the area.

  a) No change
  b) 4.5% Increase
  c) 4.5% decrease
  d) 3.5 % Increase

31. A man crosses a road 250 meter wide in 75 seconds. Then his speed in Km/ Hour is

  a) 10   (b) 12.5

  c) 12   d) 14

32. If the cost price of 12 oranges is equal to selling price of 10 oranges, then the percentage of profit is

  a) 20   (b) 18

  c) 16.5   (d) 25

33. What is the Principle to get 150 Rs simple interest for six months at the rate of 4% per annum?

  a) 5000   b) 15000

Directions (34-36) select the related word from the given alternatives.

34. House: Room :: World : ?

  a) Land
  b) State
  c) Peopled
  d) Nation

35. Smoke : Pollution :: War : ?

  a) Destruction
  b) Victory
  c) Peace
  d) Treaty

36. Lion : Den :: Rabbit : ?

  a) Hole
  b) Pit
  c) Burrow
  d) Trench

37. Pointing to a woman in a photograph, a man says - "She is the only daughter of the mother-in law of my only son." How is the woman related to the man?

(a) Daughter   (b) Wife

(c) Daughter-in-law   (d) Mother

38. If + means - , - means × , × means ÷ and ÷ means + then 2 ÷ 6 × 6 ÷ 2 = ?

  a) 1   b) 0
  c) 10   d) 5

39. Find the odd one out from the given four alternatives

  a) Tomato
  b) Potato

c) Carrot
d) Onion

40. Find the odd one out from the given four alternatives

a) BGIE
b) AGHB
c) GJGE
d) AGKD

41. If a person moves 4 Km towards west, then turns right and moves 3 Km and then turns right and moves 6 Km, what is the direction in which he is moving now?

a) East
b) West
c) North
d) South

42. Which of the following years did not have 29 days in February?

a) 2000
b) 2004
c) 1996
d) 1966

Directions (43,44) What will come in place of question mark?

43. 24, 72, 120, ?

a) 144
b) 168
c) 192
d) 216

44. CEG, IKM, OQS, ?

a) TVX
b) UWY
c) UWZ
d) TVW

45. Select the correct alternative to complete the given series

_ab_b_bc_ca_

a) accbb
b) abcca
c) cacab
d) abacb

46. Arrange the following words as they appear in the dictionary?

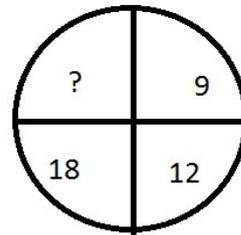1. Chemistry   2. Chamber
3. Cheap   4. Cheerful

(A) 2, 1,3,4   (B) 3, 4, 2,1
(C) 2, 4,3,1   (D) 2, 3, 4,1

47. From the given alternative words, select the one which can't be formed using the letters of the given word.
BRITTANICA

(a) ANT   (b) ANTARCTICA
(c) CAT   (d) BRITANIA

48. Find the missing number in the given figure?

a) 11
b) 25
c) 10
d) 27

49. Find the missing number in the box given below?

1	3	2
8	6	7
9	5	?
72	90	56

a) 22
b) 4
c) 37
d) 15

50.If"LEVEL"is written   as "MFWFM"
then how can we write "VELEL"?

      (a) WFMMF   (b)FMFMW
      (c) WFMFM   (d)WMM

SPACE FOR ROUGH WORK