

Booklet No

3rd STATE LEVEL MTGS COMPETITION, 2024

Organised by:

Mission Transformation of Government Schools (MTGS)**QUESTION BOOKLET**
CLASS IV**(Subjects: MATHEMATICS, EVS & GENERAL AWARENESS)****INSTRUCTIONS TO THE CANDIDATES**

1. This booklet contains 75 questions and each question carries equal marks.
2. This Question Booklet contains three Sections :
Section A - Mathematics (25 Questions)
Section B – Environmental Studies (25 Questions)
Section C – General Awareness (25 Questions)
3. The duration of the exam is two (2) hours.
4. Attempt all the questions as there is no negative mark for wrong response.
5. Write your Name, School's Name, Class, Roll No, etc. in the box specified in the OMR ANSWER SHEET.
6. In the OMR Answer Sheet, there are four options marked as A, B, C & D against each question. You will select the response which you want to mark on the OMR Sheet and darken it completely as shown in the OMR Sheet.
7. Each question has one correct answer. Attempting more than one choice for a particular question will be treated as a wrong response even if one of the marked answer happens to be correct.
8. If a question is left blank, there will be no mark for the question.
9. Darken the circle using a black or blue ball point pen.
10. Before submitting the OMR Answer Sheet to the invigilator, the candidate should verify that all the entries are made correctly filled up and it is duly signed by the invigilator.
11. You are permitted to take away with you this Question Booklet.

**DO NOT OPEN THIS QUESTION BOOKLET UNTIL
YOU ARE TOLD TO DO SO.**

SECTION A: MATHEMATICS

1. How many faces does a cuboid have?

- a. 4 c. 5
b. **6** d. 8

2. A triangle has _____ sides.

- a. 2 c. **3**
b. 4 d. 5

3. Which figure represents an ARC?

- a.  c. 
b.  d. 

4. The height of my sister is 65 cm. My height is exactly double the height of my sister. My height is _____

- a. 115 cm c. **130 cm**
b. 135 cm d. 140 cm

5. In a 5000 meter race, you run _____ km.

- a. 50 km c. 500 km
b. **5 km** d. 5000 km

6. 2.5 km = _____ cm.

- a. 2500 cm c. 25000 cm
b. **250000 cm** d. 250 cm

7. What numbers can you make using the digits 4, 0, 7, 2?

- a. **4027, 7204, 2047, 7024**
b. 4320, 7200, 2047, 7024
c. 7420, 7204, 0247, 4024
d. 4320, 7204, 2007, 7024

8. Which pair of numbers adds to make 750?

- a. **265 and 485** c. 255 and 485
b. 375 and 335 d. 333 and 2974

9. A truck can carry 250 bags of cement. How many bags of cement can 5 trucks carry?

- a. 2500 c. **1250**
b. 1500 d. 5000

10. A clock shows 3 O' Clock. What will be the angle made by the hands?

- a. **90°** c. 180°
b. 45° d. 60°

11. Your lunch break is from 11.55 am to 12.35 pm. How long is your lunch break?

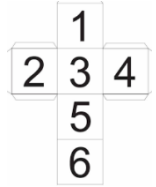
- a. 45 Minutes c. **40 minutes**
b. 30 Minutes d. 25 Minutes

12. How do you write 8.30 pm in 24-hour clock format?

- a. **20.30 Hours** c. 18.30 hours
b. 21.30 hour d. 20.00 hour

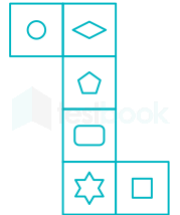
13. When the figure is folded to form a cube, then which number will be on the opposite side of 3?

- a. 5 c. 2
b. **6** d. 1



14. When the figure is folded to form a cube, then which figure will be on the opposite side of ?

- a.  c. 
b.  d. 



15. The rate of 1 kg of fish is Rs. 270. What is the cost of 25 kg of fish?

- a. Rs. 7650 c. **Rs. 6750**
b. Rs. 5760 d. Rs. 1056

16. Which product gives the largest value?

- a. $5 \times 10 \times 8$ c. $1 \times 14 \times 15$
b. $25 \times 9 \times 0$ d. **$6 \times 9 \times 10$**

17. Which combination will give 2 liters of milk?

- a. 550 ml + 1500 ml
b. 250 ml + 650 ml + 1 Liter
c. **1400 ml + 250 ml + 350 ml**
d. 900 ml + 1 Liter + 150 ml

18. To fill a 1-liter bottle it needs to pour water 4 times from a small bottle. How much water does the small bottle hold?

- a. 150 ml c. 200 ml
b. **250 ml** d. 500 ml

19. How many radii can be drawn in a circle?

- a. 1 c. 5
b. 10 d. **Infinite Numbers**

20. Which diagram shows the fraction $\frac{1}{5}$?

- a.  c. 
b.  d. 

21. The cost of 1 kg of pumpkin is Rs. 200. How much does $\frac{3}{5}$ kg of pumpkin cost?
- a. Rs. 80 c. **Rs. 120**
b. Rs. 160 d. Rs. 150

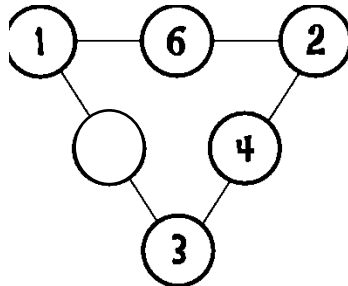
22. There are 32 students in a class. If 24 students are present on a certain day. What fraction of the total students is absent?

- a. $\frac{3}{4}$ c. $\frac{2}{4}$
b. $\frac{1}{4}$ d. $\frac{3}{5}$

23. What comes next in the series?
ABC, BCD, CDE, DEF _____
- a. **EFG** c. EDE
b. EFH d. FED

24. Which number will complete the magic triangle?

- a. 9
b. 8
c. 7
d. **5**



25. A frog jumps 5 steps at a time starting from 0. In how many jumps does the frog reach at 45 steps?
- a. 7 c. 8
b. **9** d. 10

SECTION A: ENVIRONEMNTAL STUDIES (EVS)

26. Which one of the following pairs is not correct?
- a. Tailor - Sews, makes & repair clothes
b. Pharmacist - Sells medicines
c. **Pilot - Drives trucks**
d. Cobbler - Repairs & makes shoes

27. Who invented aeroplane?

- a. **Orville & Wilbur Wright**
b. Orville & Thomas Addison
c. Pascal & Wilbur Wright
d. None of these

28. Which one is wrongly paired?

- | <i>Animal</i> | <i>Groups</i> |
|----------------|---------------|
| a. Lion | Prides |
| b. Cows | Clan |
| c. Monkey | Troop |
| d. Penguins | Colony |

29. Which type of bee collect food, guard and look after the young ones?

- a. Queen Bee c. Drone Bees
b. **Worker Bee** d. All of these

30. Human being belongs to

- a. Reptile c. **Mammals**
b. Insects d. Microorganism

31. The activity of rearing bee commercially for production of honey is called

- a. **Apiculture** c. Agriculture
b. Horticulture d. Pisciculture

32. The incorrect statement about bees is

- a. They live in colony
b. They help in plants pollination
c. Nearly 50,000-80,000 bees live together in a hive.
d. **Queen bee collects food, honey and guards other bees.**

33. Which plant has fibrous root system?

- a. Mustard c. Mango
b. **Wheat** d. Carrot

34. Which plant has aerial roots?

- a. Carrot c. **Banyan Tree**
b. Mango d. Wheat

35. Which one is not a part of Shoot System?

- a. Stem c. **Roots**
b. Leaves d. Flower

36. Which part of the flower contains the female reproductive parts?

- a. Calyx c. Corolla
b. Stamens d. **Carpels**

37. Which one is not a correct statement?

- a. Nongmankha is a Medicinal Plant
b. **Flowers produce scent to repel pollinators**
c. During pollination, pollen grains are transferred to the stigma
d. Those persons who sell flowers are called florists.

38. Deforestation causes

- a. Soil erosion
b. Loss of habitats of wildlife
c. Irregular rainfall
d. **All the above are true**

39. The World Environment Day is observed on

- a. **5th June** c. 5th July
b. 2nd February d. 16th June

40. Vanamahotsava is a festival of

- a. Rainwater Harvesting
- b. **Tree Plantation**
- c. Soil Conservation
- d. Wildlife Conservation

41. Choose the incorrect pairing.

- a. Cow - Milk
- b. Hen - Eggs
- c. **Sheep - Nylon**
- d. Fish - Meat

42. We eat the seed of _____ plant.

- a. Potato
- b. Carrot
- c. **Rice**
- d. Sugarcane

43. Which part of our body helps us in taste?

- a. Nose
- b. **Tongue**
- c. Skin
- d. Ear

44. How many teeth does an adult person have?

- a. 20
- b. **32**
- c. 28
- d. 36

45. Which animal swallows its food as a whole without chewing?

- a. Lion
- b. Cow
- c. **Snake**
- d. Human being

46. Which one of the following pair is wrongly matched?

- a. Lion - Dens
- b. Spider - Web
- c. Rats - Burrow
- d. **Horse - Kennels**

47. Which bird does not make its own nest but it lays its eggs in the nest of other birds?

- a. Crow
- b. **Cuckoo**
- c. Sunbird
- d. Sparrow

48. Into which lake does the Nambul River fall?

- a. Pumlun
- b. Ikop
- c. Khoidum
- d. **Loktak**

49. Potable water is

- a. Saline
- b. Not safe to drink
- c. **Safe to drink**
- d. All are correct.

50. Which food item do we get from plants?

- a. Honey
- b. Meat
- c. Milk
- d. **Rice**

SECTION C: GENERAL AWARENESS

51. Who is the present Education Minister of Manipur?

- a. Th. Radheshyam Singh
- b. Th. Shyamkumar Singh
- c. **Th. Basantakumar Singh**
- d. N. Biren Singh

52. Whose birthday is observed on 30th September by general public to honour his remarkable contributions?

- a. Bir Tikendrajit
- b. Paona Brajabashi
- c. Hjam Anganghal
- d. **Hjam Irabot**

53. Which king signed the controversial Manipur Merger Agreement?

- a. Kulachandra
- b. **Bodhachandra**
- c. Surchandra
- d. Bheigyachandra

54. What is the state fish of Manipur?

- a. **Pengba**
- b. Sareng
- c. Catla
- d. Grass Carp

55. Yubi Lakpi, an indigenous game of Manipur is similar to which modern sport?

- a. Football
- b. Wrestling
- c. Kabaddi
- d. **Rugby**

56. Thang -Ta is a traditional martial art form of Manipur. What does the term "Thang-Ta" refer to?

- a. Archery & Sword
- b. **Sword and Spear**
- c. Bow and Arrow
- d. Arrow and Sword

57. Which of the following is not an indigenous game of Manipur?

- a. Yubi Lakpi
- b. **Kabaddi**
- c. Sagol Kangjei
- d. Thang -Ta

58. What is the most prestigious and most popular sporting event in the world?

- a. ICC World Cup
- b. **Olympic Games**
- c. National Games
- d. Asian Games

59. A prominent folk singer and musician from Manipur is _____

- a. Pushparani
- b. **Mangka Mayanglambam**
- c. Laishram Mema
- d. Surma Chanu

60. When did the First Nupi Lal occur?

- a. **1904**
- b. 1912
- c. 1939
- d. 1947

61. Khongjom War was fought between the Manipuri forces and which colonial power?

- a. Chinese
- b. British
- c. Indian Government
- d. American

62. The total districts of Manipur is

- a. 9
- b. 16
- c. 12
- d. 18

63. Which state lies to the west of Manipur?

- a. Myanmar
- b. Nagaland
- c. Assam
- d. Tripura

64. Keibul Lamjao National Park is located in which district?

- a. Thoubal
- b. Imphal West
- c. Kakching
- d. Bishnupur

65. What is the total area of Manipur?

- a. 22,327 sq. km
- b. 20,234 sq. km
- c. 23,237 sq. km
- d. 25,223 sq. km

66. In which district the rare species 'Shirui Lilly' is found?

- a. Senapati
- b. Chandel
- c. Tamenglong
- d. Ukhrul

67. What is the full form of ILP?

- a. Inner Line Program
- b. International Linguistic Program
- c. Inner Line Permit
- d. Indigenous League of People

68. The ongoing ethnic violence of Manipur began in

- a. May 2024
- b. May 2022
- c. May 2023
- d. May 2021

69. Who is the present MP of Rajya Sabha?

- a. Akoijam Bimol
- b. Nongthombam Biren Singh
- c. Leisemba Sanajaoba
- d. Okram Ibobi Singh

70. What is the state Emblem of Manipur?

- a. Kanglasha
- b. Nonggin
- c. Ashok Chakra
- d. Tricolor Flag

71. Out of the given answer figures, which is the correct one to replace the question mark?

Question Figures

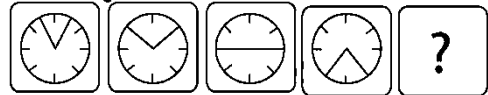


Answer Figures

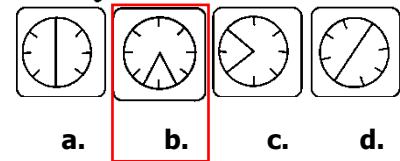


72. Find the missing figure in the series from the given answer figures.

Question figures:



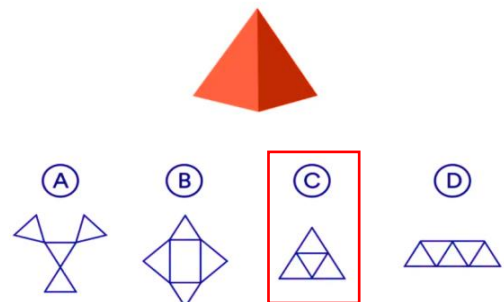
Answer figures:



73. Which one does not belong to the group?

- a. English
- b. Hindi
- c. EVS
- d. Table

74. Which of the given shapes is the unfolded net of the given 3D shape?



75. Which word pair is not correct:

- a. GOOD – BAD
- b. HAPPY – UNHAPPY
- c. STRONG – COLD
- d. LONG – SHORT