

L.S.S. EXAMINATION, FEBRUARY - 2025

(Paper-II) (Part - A)

Environmental Science

Total Score : 20

Instructions :

- Answer **all** questions in the space provided in the question paper.
- Questions from **1 to 12** are based on the area of Environmental Science.
- Score for each question is indicated against them.

1. Kochi in Kerala, was one of the cities that hosted preliminary matches of Indian Super League football competition in January. The other stadiums and cities in connection with Indian Super League are given in the table. Complete the table.

(a)	Stadium	State	Dance form	(2 Score)
	Sree Kanteerava Stadium, Bengaluru	-----	Yakshagana	
	Indira Gandhi Athletic Stadium, Guwahati	Assam	-----	
	Mumbai Football Arena, Mumbai	Maharashtra	Tamasha	

- (b) (i) Which of the following states does not share border with the Arabian sea ?
- (A) Tamil Nadu (B) Kerala (2 Score)
- (C) Maharashtra (D) Andhra Pradesh

Answer :

- (ii) The state of red hills :

Answer :

- (c) Which is the Westernmost state of India ? (1 Score)

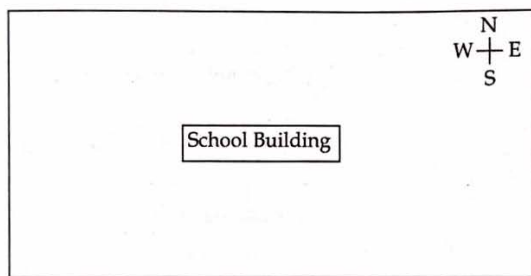
Answer :

2. (a) A child is looking at the setting Sun. His left hand is in _____ direction. (1 Score)

Answer :

Some statements are given below. Based on the statements, prepare the sketch of the school.

- (b) (i) On the South-West direction of the school building, is the Well. (2 Score)
(ii) On the North-West direction of the place, is the Kitchen.
- (c) (i) Banyan tree is on the North-East direction of the School building. (2 Score)
(ii) Flag post is seen on the South direction of the Banyan tree and South-East direction of the School building.



Banyan Tree



Flag Post



Well



Kitchen

3. During Indian Freedom struggle which among the following happened first ? (1 Score)
- (A) Jallian walabagh massacre (B) Quit India Movement
(C) Non-Co-operation Movement (D) Salt Satyagraha

Answer :

4. The elected representative of a Village Panchayath is called _____. (1 Score)

Answer :

5. Out of the following, one is not a natural ecosystem. Which is that one ? (1 Score)
- (A) Pond (B) Aquarium (C) Field (D) Forest

Answer :

6. Find out the correct statement. (1 Score)

- (A) In monocots, the outer part of the stem is softer than the inner part.
(B) In dicots, the outer part of the stem is harder than the inner part.
(C) In dicots, the inner part of the stem is harder than the outer part.
(D) In monocots, the inner part of the stem is harder than the outer part.

Answer :

7. Which among the following is not to be done, when a person get wounded ? (1 Score)

- (A) Remove the blood clot from the injured part.
(B) Clean the wound with pure water.
(C) Hold the wounded part high.
(D) Hold the wounded part tightly with a clean cloth.

Answer :

8. Name the traditional art form of Kerala in which 'Chakyar' is the male character and 'Nangyar' is the female character. (1 Score)

Answer :

9. What state of matter is 'lightning' ? (1 Score)

Answer :

10. Write an adoption of the predatory birds to catch its prey. (1 Score)

Answer :

11. The part of the Moon that does not get Sunlight faces the Earth. This day is called _____. (1 Score)

Answer :

12. Pick the odd one out. (1 Score)

(A) Callisto (B) Aditya (C) Ganymede (D) Europa

Answer :

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(Paper-II) (Part - B)

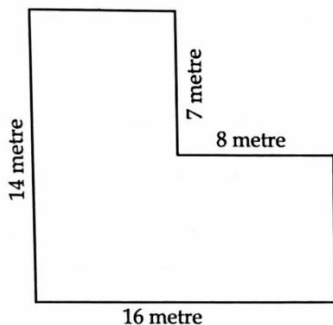
Mathematics

Total Score : 20

Instructions :

- Answer **all** the questions in the space provided in the question paper.
- Questions from **13** to **24** are based on the area of Mathematics.
- Score for each question is indicated against them.

13. The garden of Sugandhagiri LP School is in the shape of two rectangles joined together. Look at the given dimensions of garden boundaries :



- (a) What is the Perimeter of the garden ?

(3 Score)

Answer :

Rods should be planted at a distance of one metre to form a fence around the garden. How many rods will be needed ? (1 Score)

Answer :

- (b) If the cost of fencing all around is 100 rupees per metre, how much will be the total cost ? (1 Score)

Answer :

14. Moovanthipadam LP School organized a two-day *Sahavasa Camp* for school children. Check the cost per day of the camp.

Day 1 = 5695 rupees

Day 2 = 3467 rupees

- (a) How much was the total cost of the camp ? (1 Score)

Answer :

- (b) Panchayath provided financial assistance at the rate of 40 rupees per child for the camp. If the total number of students in the camp is 102, what is the total amount the school received from the Panchayath ? (1 Score)

Answer :

- (c) How much more rupees was spent by the school for the camp after using the financial assistance given by the Panchayath ? (1 Score)

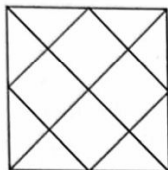
Answer :

- (d) Alumni distributed sweets worth 825 rupees to the children of the camp. If 5 people did this by taking equal amounts, how much rupees each of them would have taken ? (2 Score)

Answer :

15. How many squares are there in the picture ?

(1 Score)



(A) 4

(B) 5

(C) 6

(D) 7

Answer :

16. What is the tenth number in this number pattern ?

(1 Score)

1, 3, 6, 10,

Answer :

17. What is the sum of the largest four-digit number and the smallest four-digit number that can be formed using the numbers 8, 3, 6, 9 ?

(1 Score)

Answer :

18. *Vandebharat Express* departed from Mangalore at 6:25 and reached Thiruvananthapuram at 15:05. How long did the train journey take ?

(1 Score)

Answer :

19. If the *Second Saturday* of a thirty-day month is the eighth, how many *Sundays* are there in that month ?

(1 Score)

Answer :

20. What is the number made up of 121 Ones, 24 Hundreds, 189 Tens and 4 Thousands ? (1 Score)

Answer :

21. The sum of the odd numbers from 1 to 25 is 169. Then what is the sum of the odd numbers from 3 to 27 ? (1 Score)

Answer :

22. If 396 mangoes are divided equally among 9 people, how many mangoes will one person get ? (1 Score)

Answer :

23. Write from smallest to largest. (1 Score)

$$\frac{3}{4}, \frac{1}{4}, \frac{1}{2}, \frac{1}{3}$$

Answer :

24. Raju walks 6000 metres per day. How many kilometers will he cover from 1st to 7th February ? (1 Score)

Answer :

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