പൊതു നിർദ്ദേശങ്ങൾ

1. 11.30 മുതൽ 1.15 വരെയാണ് പരീക്ഷാ സമയം .ഇതിൽ ആദ്യത്തെ 15 മിനിറ്റ് സമാശ്വാസ സമയമാണ് ഈ സമയത്ത് ചോദ്യങ്ങൾ വായിച്ച മനസ്സിലാക്കണം.

2. പേപ്പർ രണ്ടിലെ ചോദ്യങ്ങൾ 2 ഭാഗങ്ങളായി ഉൾപ്പെടുത്തിയിരിക്കുന്നു. പാർട്ട് (എ) പരിസര പഠനം പാർട്ട് (ബി) -ഗണിതം.

3. എല്ലാ ചോദ്യങ്ങൾക്കും ചോദ്യപേപ്പറിൽ നൽകിയിരിക്കുന്ന സ്ഥലത്ത് ഉത്തരം എഴുതേണ്ടതാണ്.

4. ബുക്ക് ലെറ്റിൽ ഏതെങ്കിലും വിധത്തിലുള്ള വ്യക്തി വിവരങ്ങളോ അടയാളങ്ങളോ രേഖപ്പെടുത്താൻ പാടില്ല.

5. ബുക്ക് ലെറ്റ് ഇൻവിജിലേറ്റർ ഏൽപ്പിച്ചതിന ശേഷം മാത്രമേ പരീക്ഷ ഹാൾ വിട്ട് പുറത്തു പോകുവാൻ പാടുള്ളൂ

Part (A)
ENVIRONMENTAL SCIENCE

1. ഒരു കാതിൽ വെറ്റില   score 1

   - കൈയിൽ കടകം

   - തലയിൽ വാസുകീയം

   Which art form are the above clues related to?
   A) Kathakali   B) Ottan Thullal

   C) Theyyam   D) Chakyar Kooth

2. Which pair is wrong?   Score 1
   A. Lotus - Waxy cover on leaf

   B. Azolla - roots in soil

   C Water lily - Cavities in stem, leaf and stem

   D.African algae - floats on water surface

3. Which is the correct group?   Score 1
   A. Millet, wheat, mango tree   B. mango tree, coconut, Maize

   C. Maize, wheat, palm   D. Maize, bamboo, jackfruit tree

4. The Sun and the planets orbiting the Sun and their satellites is known
   as........?   Score 1

5. Which state of matter is indicated by the following properties? Score 1

   Diffusion is my specialty—have weight—

Need space - no fixed shape.

6. Who is the Artist of the famous art work Hamsavum Damayantiyum?

Score 1

7. Fond out the wrong statement related to seed gemination from the followingt? Score 1

A. The part that comes out first is the radicle

B. Cotyledon grows along with the plant

C The plumule becomes a stem.

D. Radicles develop into roots.

8. Accurately depicting the features of a large area on a piece of paper is called? Score 1

9. In the three-tier panchayat system, which comes above the gram panchayat? Score 1

10. Which is not true about first aid? Score 1

A. The injured part should be elevated.

B. Do not run if clothing catches fire

C. Dust should be rubbed in the eyes.

D Don't panic if you get bitten by a snake

11. Manu is travelling by bus with his family. It started raining heavily outside and gradually the front vision through the glass began to blur. When the driver wiped the inside of the glass with paper, the paper got wet
a) How is moisture formed on the inside of glass?   Score 2

b) b) Find similar situations in daily life to explain this and prepare experimental notes.   Score 3

12. Find and match the relationship   Score 2

1)   A Jallianwala Bagh   -   K Kelappan
      B Non-Cooperation Strike   -   Indigo Cultivation
      C Salt Satyagraha   -   General Michael O'Dwyer
      D Champaran Strike   -   Boycott of foreign clothes

2)   Prepare a note on Salt Satyagraha (Uppu Satyagraha), an important
      turning point in the history of the freedom struggle.   Score 2

13. Out of a total of 133 workers in a coir factory, 49 are men, and the rest are women. The wage of a male worker per day is Rs 875.
Rs. 1,12175 is required to pay all workers a day's wages

i. What is the total amount of money required to pay all women workers a day's wages?   Score 2
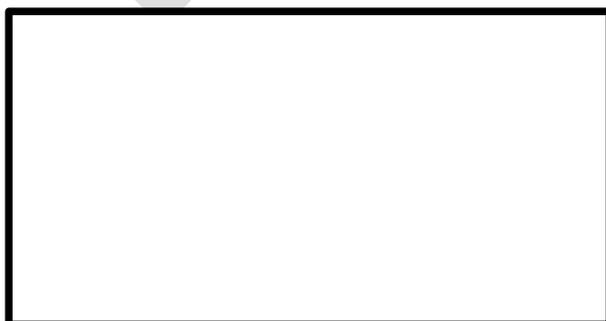

ii. If all the workers are paid Rs 70 per day as travel allowance, how much should be paid in total per day under this item?   Score 1

iii. How much money will the factory have to pay to all the workers in one day for travelling allowance and cost?   Score 1

iv. If the total workers are divided into 7 sections how many workers will there be in a section?   Score 1

14. Observe the picture

8 cm

4cm

a. Noticed the square?

How many centimetres will one side of a square with the same perimeter be? Score 2

b. How many centimetres will be the perimeter of the square obtained by doubling the width side of this square? Score 1

C. How many squares of side 2 cm can this square be cut into?

Score 1

d. If this square is cut into two squares of equal perimeter, what will be the perimeter of a square? Score 1

15. After buying 6 pens, a hundred rupee note was given. The shopkeeper gave back the balance amount of 4 rupees. Now, how much should be paid to buy one more pen? Score 1

16. A train reached Thiruvananthapuram at 13:10, 40 minutes late. If the train journey took 8 hours and 50 minutes, what time did the train depart?

Score 1

17. From a large ribbon with a length of 10 metres, 15 pieces of length 50 centimetres and 8 pieces of length 30 centimetres were cut. How many centimetres of ribbon are left? Score 1

18. 1 Score 1
    2 3
    4 5 6
    7 8 9 10
    ……………..
    …………….. If continued like this, at which line will 45 appear?
    Score 1

19. If 657899 is the first number in an exam centre where 105 candidates appear for the exam, what will be the last number? Score 1

20. What will be the next number in this sequence?
    356 ,389, 424, 461, ... Score 1

21. Which of the following does not agree with the answer? 9880 -8890 =
    a) A combination of 9 hundreds and 9 tens
    b) It is obtained by subtracting the smallest two digit number from the smallest four digit number
    c) 3×5×6×11
    d) 100×8+10×18 Score 1

22.   Without repeating the four digits 4, 0, 2, and 8, how many four-digit
       numbers can be formed?   Score 1

       a) 8   b) 16   c) 18   d) 24

23.   How is a six digit number read with zero in its unit place?   Score 1
       a) from crore and   b) from ten thousand

       c) From lakhs   d) From ten lakhs

24.   When a bottle weighing 480 grams is filled with 1 litre and 40 millilitres of
       medicine, the weight of the bottle becomes 1 kg and 520 grams. After 4
       days, if the weight of the medicine bottle is 1 kg, how many millilitres will
       be the medicine in the bottle?   Score 1

       a) 480   b) 500   c) 520   d) 540