

# KERALA SCHOOL TEACHERS UNION STATE COMMITTEE

L.S.S. EXAMINATION, FEBRUARY 2024

(Paper - II / പേപ്പർ -II)

രജിസ്റ്റർ നമ്പർ.

അക്കത്തിൽ						
അക്ഷരത്തിൽ						

സമയം 1 1/2 മണിക്കൂർ

ആകെ സ്കോർ : 40

L.S.S. EXAMINATION, FEBRUARY 2024

എൽ.എസ്.എസ്. പരീക്ഷ, ഫെബ്രുവരി 2024

(Paper - II / പേപ്പർ -II)

ഓഫീസ് ഉപയോഗത്തിന് വേണ്ടി ( For Office use only)

### പൊതുനിർദ്ദേശങ്ങൾ / General Instructions:

1. 1.15 പി.എം. മുതൽ 3.00 പി.എം. വരെയാണ് പരീക്ഷാ സമയം.  
The time of examination is from 1.15 Pm to 3.00pm
2. ആദ്യത്തെ 15 മിനിട്ട് സമാശ്വാസ സമയമാണ്. ചോദ്യങ്ങൾ വായിച്ച് മനസ്സിലാക്കുന്നതിന് ഈ സമയം ഉപയോഗപ്പെടുത്തേണ്ടതാണ്.  
The first 15 minutes will be cool-off time. The time should be used for reading the questions carefully.
3. പേപ്പർ രണ്ടിലെ ചോദ്യങ്ങൾ രണ്ടു ഭാഗങ്ങളായി ഉൾപ്പെടുത്തിയിരിക്കുന്നു. പാർട്ട് -എ (പരിസര പഠനം), പാർട്ട് -ബി (ഗണിത ശാസ്ത്രം)  
Part II includes 2 parts. Part A - ( Environmental Studies), Part -B (Maths)
4. എല്ലാ ചോദ്യങ്ങൾക്കും ചോദ്യപേപ്പറിൽ നൽകിയിരിക്കുന്ന സ്ഥലത്ത് ഉത്തരമെഴുതേണ്ടതാണ്.  
Answer all the questions in the space provided in the question paper.
5. രണ്ടു പാർട്ടുകളിലേയും ചോദ്യങ്ങൾ മലയാളം / ഇംഗ്ലീഷ് മാധ്യമങ്ങളിലായി തൊട്ടടുത്ത് വരുന്ന പേജുകളിൽ ഉൾപ്പെടുത്തിയിരിക്കുന്നു. വിദ്യാർത്ഥികൾ തങ്ങളുടെ മീഡിയത്തിലെ പേജിൽ എഴുതേണ്ടതാണ്.  
Questions of both parts are given in Malayalam Medium and English Medium in separate pages. Candidates must answer in the pages, selected as their medium.
6. ബുക്കിലെറ്റിൽ ഏതെങ്കിലും വിധത്തിലുള്ള വ്യക്തിവിവരങ്ങളോ, അടയാളങ്ങളോ രേഖപ്പെടുത്താൻ പാടില്ല.  
Identification marks or any other marks of such kind should not be written on the booklet.
7. ബുക്ക്ലെറ്റ് ഇൻവിജിലേറ്ററെ ഏൽപ്പിച്ചതിനുശേഷം മാത്രമേ പരീക്ഷഹാൾ വിട്ട് പുറത്ത് പോകുവാൻ പാടുള്ളൂ.  
Candidates should handover the booklet to the invigilator before leaving the examination hall.

# LSS EXAMINATION - FEBRUARY 2024

## (PAPER -II) (PART -A) ENVIORNMENTAL STUDIES

Total Score : 20

- Questions 1 to 12 are included in the Enviornment studies Section.
- The score of each questions is given against it.
- Answer all questions.

1 Fill in the blank based on substance. (1)

- a. salt - solid  
milk - liquid  
smoke - .....

b. You can see air filled balloons in different shapes.



(1)

What speciality of air is seen here? .....

(1)

c. When two air filled balloons of same shape and size dropped from the top of a building, one popped. The unpopped balloon reached the ground first, Why? (1)

d. Scented air filled balloon is popped. All people around could smell. What speciality of air is seen here? (1)

e. Plasma is the fourth state of matter. Give an example for plasma (1)

2. Ammu reached home with plants pulled out with roots. Write the speciality of the plant based on your study.

a. The inner part of the stem is hard. Then (2)

Root system

Venation-

b. Which is the root system that is difficult to pull out? (1)

c. Which part of a plant is transformed into root? (1)

d. What do you call the process by which plants make food? (1)

3. What is the name of 'boys oppana' ? (1)

4. Which bird sanctuary is known as the 'paradise of migrating birds'? (1)

5. Pick the odd one out. (1)

(a. Whale, b. Salamander, c. Frog, d. Caecilians)

6. Reason for day and night is..... (1)

( a. Rotation, b. Eclipse, c. Revolution, d. Satellites)

7. The upper side of a map is always .....direction. (1)

8. 'Yakshaganam' is the dance form of .....state.

9. Which statement is incorrect. (1)

- a. Birds were used to exchange messages.
- b. Marconi invented radio.
- c. We can prevent natural disasters with the help of satellites.
- d. E-mail is used to exchange messages speedily.

10. Which is the important incident in Indian independence movement related with 'Rowlatt Act'? (1)

11. 'Kanayi Kunjiraman' is a person related with .....art form. (1)

12. What are the dont's to a dog bitten person. (1)

- a. Wash the bitten part with soap and water.
- b. Tie with clean clothes.
- c. Take to the hospital.
- d. Press the blood out from the bitten part.

**LSS EXAMINATION - FEBRUARY 2024**  
**(PAPER -II) (PART -B)**  
**MATHEMATICS**

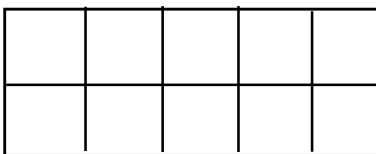
Total Score : 20

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- Questions 13 to 25 are included in the Mathematic Section.
  - The score of each questions is given against it.
  - Answer all questions.
- 

13. What is the difference between the smallest five-digit number and the largest four-digit number? (1)

14. 600 second = ..... minute (1)

15. How many squares are there in the picture? (1)



16. Samir sold his candy at Rs.20 for 5 pieces each. How much rupees did Sameer get when he sold 545 sweets? (1)

17. How much is '  $11 \times 93$  ' larger than 930 ? (1)

18. A work was completed by 30 men in 50 days. How many days will it take 15 people to complete the same work? (1)

19. Find the next line.

25      36      47  
34      45      56  
43      54      65

.....      .....      ..... (1)  
(a. 52, 64, 75      b. 53, 64, 74      c. 52, 63, 74      d. 54, 64, 74)

20. Which of the following can be the sum of two consecutive natural numbers? (1)

( a. 4534,      b. 4824,      c. 4826,      d. 4827)

21. How much does the total weight in kilograms of ' 1 ton and 250 kg ' ? (1)

( a. 250 Kg,      b. 2250 Kg,      c. 3250 Kg,      d. 1250 Kg)

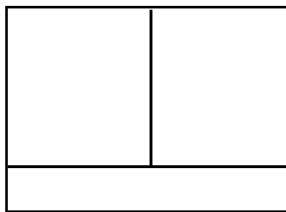
22. The largest four digit number which can be written by the numbers both 2, 0 is ..... (1)

23. Find the total time taken for travel and complete the table. (2)

Train Number	Name of Train	Departure Time	Arrival Time	Time Taken
16650	Nagercoil Mangalore Exp	3.10	21.35	.....
12180	Trivandrum Kannur Jana Shadabdh	9.10	13.50	.....
23125	Thurantho Exp	1.20	22.30	.....
30125	Himasagar Exp	4.05	.....	8 hour 30 minute

24. Pen, Pencil Box, Note Book .. etc... items are kept for sale in Diya's fathers shop. The 64 pen which were bought at the rate of 5 rupees was sold at 9 rupees each , 924 Note books which were bought at the rate of 7 rupees were sold at the rate of 11 rupees each and 855 pencil box which were bought at the price of 9 rupees was sold at 13 rupees each . Find the total profit ? (4)

25. In figure given below a large rectangle is divided in to two squares and a small rectangle. The side of the square is 12 cm



- a. Find the perimeter of 1 square. (1)

- b. The perimeter of small rectangle is 56 cm . Find its breath (1)

- c. Find the perimeter of large rectangle. (2)