



KERALA SCHOOL TEACHERS ASSOCIATION (KSTA)

Academic Sub Committee

L.S.S. MODEL EXAMINATION, APRIL 2023

എൽ.എസ്.എസ് മാതൃക പരീക്ഷ, ഏപ്രിൽ 2023

(Paper - 2) (പേപ്പർ - 2)

രജിസ്റ്റർ നമ്പർ

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|------------|--|--|--|--|--|--|
| അക്കത്തിൽ | | | | | | |
| അക്ഷരത്തിൽ | | | | | | |

സമയം: 1.30 മണിക്കൂർ

ആകെ സ്കോർ: 40

L.S.S MODEL EXAMINATION, APRIL 2023

എൽ.എസ്.എസ് മാതൃക പരീക്ഷ, ഏപ്രിൽ 2023

(Paper - 2) (പേപ്പർ - 2)

ഓഫീസ് ഉപയോഗത്തിന് വേണ്ടി (For office use only)

പൊതു നിർദ്ദേശങ്ങൾ

1. 1.15 മണി മുതൽ 3 മണി വരെയാണ് പരീക്ഷാ സമയം
The time of examination is from 1:15 p.m to 3 p.m.
2. ആദ്യത്തെ 15 മിനിറ്റ് സമാശ്വാസ സമയമാണ്. ചോദ്യങ്ങൾ വായിച്ച് മനസ്സിലാക്കുന്നതിന് ഈ സമയം ഉപയോഗപ്പെടുത്തേണ്ടതാണ്.
The first 15 minutes will be cool-off time. This time should be used for reading the questions carefully
3. പേപ്പർ രണ്ടിലെ ചോദ്യങ്ങൾ രണ്ട് ഭാഗങ്ങളായി ഉൾപ്പെടുത്തിയിരിക്കുന്നു. പാർട്ട് (എ) പരിസരപഠനം, പാർട്ട് (ബി) - ഗണിതശാസ്ത്രം
Paper 2 includes 2 parts. Part A - (Environmental Science), Part B - (Mathematics)

P.T.O

4. എല്ലാ ചോദ്യങ്ങൾക്കും ചോദ്യപേപ്പറിൽ നൽകിയിരിക്കുന്ന സ്ഥലത്ത് ഉത്തരം എഴുതേണ്ടതാണ്

Answer all the questions in the space provided in the question paper.

5. രണ്ടു പാർട്ടുകളിലേയും ചോദ്യങ്ങൾ മലയാളം/ഇംഗ്ലീഷ് മാധ്യമങ്ങളിലായി തൊട്ടടുത്തു വരുന്ന പേജുകളിൽ ഉൾപ്പെടുത്തിയിരിക്കുന്നു. വിദ്യാർത്ഥികൾ തങ്ങളുടെ മീഡിയത്തിലെ പേജിൽ ഉത്തരം 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. ബുക്ക് ലെറ്റിൽ ഏതെങ്കിലും വിധത്തിലുള്ള വ്യക്തിവിവരങ്ങളോ, അടയാളങ്ങളോ രേഖപ്പെടുത്താൻ പാടില്ല.

Identification marks or any other marks of such kind should not be written on the booklet.

7. ബുക്ക് ലെറ്റ് ഇൻവിജിലേറ്ററെ ഏൽപ്പിച്ചതിനുശേഷം മാത്രമേ പരീക്ഷാഹാൾ വിട്ടുപുറത്തുപോകാൻ പാടുള്ളൂ. Candidates should handover the booklet to the invigilator before leaving the examination hall.

P.T.O



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LSS MODEL EXAMINATION, APRIL 2023

(Paper - 2) (Part - A)

ENVIRONMENTAL SCIENCE

Total Score: 20

*Answer all the questions

*Score for all question is indicated against them

1. Gandhiji called on the people to boycott foreign clothing as part of which struggle?

(1 Score)

- (a) Non co-operation movement
- (b) Salt satyagraha
- (c) Champaran satyagraha
- (d) Quitindia movement

2. Which is the odd one?

(1 Score)

- (a) Rock
- (b) Soil
- (c) Water
- (d) Plant

3. When a seed grows in to a plant the cotyledons shrieveloff

(1 Score)

- (a) The cotyledons do not get enough sunlight
- (b) The foods stored by the cotyledon is used by the plant
- (c) Due to excessive sunlight
- (d) Due to scarcity of water

4. Find out the wrong statement (1 Score)
- (a) Fish breath through gills
 - (b) Frog is an Amphibian
 - (c) Aquatic plants have waxy coating on their leaves
 - (d) Living things do not depend on non-living things

5. Holes on the tree-trunk-branches-underground holes buildings, Select the birds according to the given order (1 Score)
- (a) Kingfisher, Woodpecker, House sparrow, Crow
 - (b) Crow, House sparrow, Kingfisher, Woodpecker
 - (c) Woodpecker, Crow, Kingfisher, House sparrow
 - (d) House sparrow, Kingfisher, Woodpecker, Crow

6. Seed with only one cotyledon? (1 Score)
- (a) Groundnut
 - (b) Coconut
 - (c) Cashewnut
 - (d) Tamarind

7. The bird that migrate from Northpole to Southpole? (1 Score)

8. Indian Expatriate day? (1 Score)

9. Which was the first satyagraha started Mahatma Gandhi in India? (1 Score)

10. Where is the food stored for the seeds to grow? (1 Score)

| |
|--|
| |
|--|

11. Identify the characteristics of the seeds of plants given in the box

| | | | |
|------|------------|-------|-------|
| Rice | Ground nut | Wheat | Beans |
|------|------------|-------|-------|

(a) Arrange them according to their general character in the given column (1 Score)

| Column A | Column B |
|----------|----------|
| | |

(b) Examine the box above and write the relation between their root system and venation in leaves? (2 Score)

| |
|--|
| |
|--|

(c) Explain the relation between the venation in leaves, root systems and number of cotyledons (2 Score)

| |
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| |
|--|

12. The owner of the land obtained permission from the panchayath to construct a shopping mall near the Govt. L.P. School in Anara Grama Panchayath, which has not been cultivated for years. Aneesh sir and the children protested. They argued that this may lead to problems in their locality.

(a) Write down any four arguments they make?

(2 Score)

(b) Write any four ways how it can harm the environment?

(2 Score)

(c) Write an example of a habitat?

(1 Score)



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LSS MODEL EXAMINATION, APRIL 2023

(Paper - 2) (Part - B)

Total Score: 20

MATHEMATICS

*Answer all the questions in the space provided in the question paper

*Score for all question is indicated against them

*Answer all the questions

13. If January 1, 2016 is friday, what day will be March 1, 2016?

(Score - 1)

14. What would be the roll number of the first student in an examination hall if the roll number of the 19th student is 5679?

(Score - 1)

15. Ratheesh reached home at 1:15 pm after travelling 45 minutes. At what time did he start his journey?

(Score - 1)

16. First day of June is Tuesday. How many wednesdays will be there in this month?

(Score - 1)

17. Write the roman numeral form of 46?

(Score - 1)

18. Appu left home at 8:25 and arrived school at 9:05, Write the time he travelled?

(Score - 1)

19. What is the number when 25 hundreds, 315 tens, 4 thousands and 145 ones are joined together?

(Score - 1)

20. The sum of 3 consecutive four digit numbers is an odd number. What can be the first number among the four digit numbers given below?

| | | | |
|------|------|------|------|
| 5409 | 5401 | 4399 | 4400 |
|------|------|------|------|

(Score - 1)

21. What is the eighth term in the sequence 1, 3, 7, 15, 31,

(Score - 1)

22. Write the next number in this pattern?

| | | | | |
|----|----|----|----|-------|
| 26 | 12 | 20 | 30 | |
|----|----|----|----|-------|

(Score - 1)

23. What is the home expenditure?

The table of home expenditure is given below

| | |
|-------------------|------------------|
| Travel - 1806 | Treatment - 387 |
| Phone - 310 | Education - 1065 |
| Electricity - 238 | Cloth - 840 |
| Agriculture - 573 | Food - 2475 |

(a) A person spends most of his income for three needs. What are these three needs?

(Score - 1)

- (b) The money spent for two categories is more than Rs. 4000. Which are these categories?
How much money is spend for these two categories?

(Score - 2)

- (c) The money spent for two categories is almost neat to the number 700. Which are the numbers?

(Score - 2)

24. Meera had 4200 rupees, Leena had 3500 rupees and Anu had 3800 rupees. Each spent the entire amount to buy two dresses.

The price list is given below.

| | | | |
|----------|----------|----------|----------|
| Bedsheet | Rs: 2000 | Rs: 1200 | Rs: 1050 |
| Saree | Rs: 2600 | Rs: 2450 | Rs: 2200 |
| Churidar | Rs: 1050 | Rs: 1600 | Rs: 1800 |

- (a) What could these be?

| Meera | Leena | Anu |
|-------|-------|-------|
| | | |
| | | |
| 4200 | 3500 | 3800 |

(Score - 3)

- (b) What is the minimum amount needed to buy one dress of each kind?

(Score - 1)

- (c) What is the maximum amount needed to buy one dress of each kind?

(Score - 1)