



# KERALA SCHOOL TEACHERS ASSOCIATION (KSTA)

Academic Sub Committee

## L.S.S. MODEL EXAMINATION, FEBRUARY 2024

എൽ.എസ്.എസ് മാതൃക പരീക്ഷ, ഫെബ്രുവരി 2024

(Paper - 2)

രജിസ്റ്റർ നമ്പർ

അക്കത്തിൽ						
അക്ഷരത്തിൽ						

സമയം: 1.30 മണിക്കൂർ

ആകെ സ്കോർ: 40

## L.S.S MODEL EXAMINATION, FEBRUARY 2024

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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)

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.



**KERALA SCHOOL TEACHERS ASSOCIATION (KSTA)**  
**Academic Sub Committee**  
**LSS MODEL EXAMINATION, FEBRUARY 2024**  
**(Paper - 2) (Part - A)**

**Total Score: 20**

**ENVIRONMENTAL STUDIES**

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

\*Score for all question is indicated against them

\*Answer all the questions

1. Which bird is the most migratory? (Score - 1)

- (a) Weaver bird (b) Paradise Flycatcher  
(c) Arctic Tern (d) Eagle

Answer:

2. Which is the odd one? (Score - 1)

- (a) Kerosine (b) Coconut  
(c) Petrol (d) Sugar

Answer:

3. Which freedom struggle celebrated its centuary in 2019? (Score - 1)

- (a) Jalianwala Bagh (b) Salt Satyagraha  
(c) Quit India Movement (d) Non Cooperation Movement

Answer:

4. Who wrote the freedom song “Varika Varika Sahachare”? (Score - 1)

- (a) Vallathol Narayanamenon
- (b) E. Moithu Maulavi
- (c) Amshi Narayana Pillai
- (d) K.P. Keshava Menon

Answer:

5. Choose the correct one based on revolution and rotation. (Score - 1)

- (a) 24 hours, 28 days
- (b)  $365\frac{1}{4}$  days, 28 days
- (c) 24 hours,  $365\frac{1}{4}$  days
- (d)  $365\frac{1}{4}$  days, 24 hours

Answer:

6. Solid form of water? (Score - 1)

Answer:

7. How many digits are there in the pin code? (Score - 1)

Answer:

8. When is “First Aid Day”? (Score - 1)

Answer:

9. Which is the instrument used in “Chakyar Koothu”? (Score - 1)

Answer:

10. Fill up as given in examples. (Score - 1)

Champanan - Bihar

Sabarmathi - Gujarath

Chaurichuara -

11. Given below are the materials collected by Manu to conduct an experiment to prove that air needs space.

balloon, pin, thread, soapbox,

lump of earth, water, straw, log, glass, stone

(a) Which are the suitable materials? (Score - 1)

Answer:

(b) Write the procedure. (Score - 2)

Answer:

(c) Findings?

(Score - 2)

Answer:

12. Aneesh went on an excursion with his parents for the mid-summer vacation from Cochin to Chennai, then to Bangalore, followed by Goa and finally to Hyderabad. However, Aneesh didn't understand any of the local languages in these places. He asked his father about the states, languages and capitals they visited.

Match the following states, languages and capitals.

(Score - 5)

Places	States	Capital	Language
Cochin	(1)	Thiruvananthapuram	Malayalam
Chennai	Tamilnadu	(2)	Tamil
Bangalore	Karnataka	Bangalore	(3)
Goa	Goa	(4)	Konkani
Hyderabad	Thelungana	Hyderabad	(5)



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**LSS MODEL EXAMINATION, FEBRUARY 2024**

**(Paper - 2) (Part - B)**

**Total Score: 20**

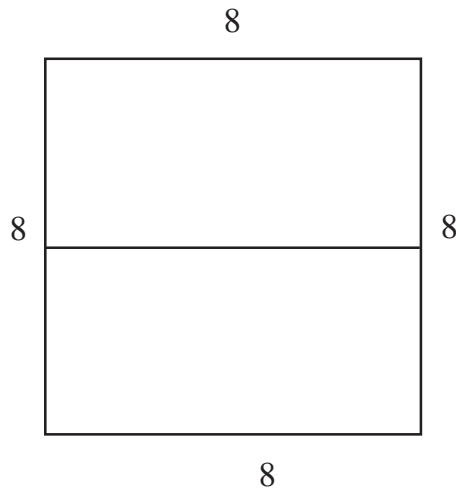
**MATHEMATICS**

\*Answer all questions.

\*Question from 17 to 28 are includes in Mathematics.

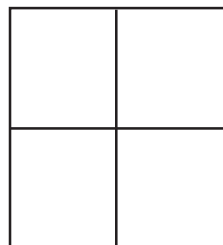
\*A score is marked against each questions.

- 
17. If a square with a perimeter of 32 cm is divided into two equal parts, what would be the perimeter of one rectangle?



(Score - 1)

18. How many rectangles are there in the below figure? (Score - 1)  
Answer:



19. 11 Plants are arranged in a row with an equal distance of 40 cm between each. What is the distance between the first plant and the eleventh plant? (Score - 1)

Answer:

20. How many thousands are there in a lakh? (Score - 1)

Answer:

21. Write 49 in Roman Number System? (Score - 1)

Answer:

22. A factory operates from 6 am to 10 pm. What is the total number of working hours in the factory? (Score - 1)

Answer:

23. If January 29 Monday, how many Sundays are there in this month? (Score - 1)

Answer:

24. 6710, 6820, 6930, ..... What is the next number in this pattern. (Score - 1)

Answer:

25. 16, 8, 4, ..... What are next two numbers? (Score - 1)

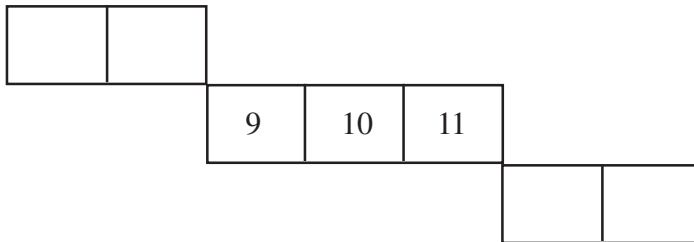
Answer:



26.  $1 + 11 + 111 + 1111 = \dots\dots\dots$  Write the answer? (Score - 1)

Answer:

27.



(a) This is a part of the January 2024 calendar. Complete the calendar. (Score - 3)

(b) What day will be on April 1? (Score - 1)

Answer:

(c) How many Saturdays are there in the month of January? (Score - 1)

Answer:

28. Jithin went to the shop and came home wet. In the evening, when his father came, he asked for the bill for the goods bought from the shop. When he took the bill from his pocket, some of the numbers were missing. Complete the number.

(Score-5)

Maveli Store		21-1-2024		
Sl. No.	Item	Rate	Qty.	Amount
1.	Rice	48	10	480
2.	Sugar	.....	2	90
3.	Uzhunnu	140	1/2	.....
4.	Cherupayar	120	.....	90
5.	Jaggeri	.....	2	180
6.	Coconut oil	180	2	.....
				1270