



KERALA SCHOOL TEACHERS ASSOCIATION (KSTA)

Question  
Booklet No.  
987654

# STATE ACADEMIC COUNCIL

USS Model Examination – 2023 April 11

SET  
**B**

Maximum: 45 Scores

PAPER 2

Time: 1.30 Hrs

Roll No.

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Paper – 2

Part - A

Question Paper Code	Are/Subjects	No. of Questions	Sl. No. of Questions	Sl. No. of Pages
201 E	English	15	1-15	
202 E	Basic Science	20	16-35	
203 E	Social Science	20	36-55	

## Instructions

Read the instructions given in the question booklet cover and the OMR sheet very carefully.

1. The 15 minutes before the one and a half hours of exam time is cool off time.
2. Do not write answers to questions or communicate with others during this time.
3. Read the questions carefully before writing the answers.
4. Paper 2 has 55 questions .Students can write answers to all questions . Part A English 15 questions .Answer all questions. Part B Basic science 20 questions. (only marks for 15 questions with correct answers will be considered) Part C Social science 20 questions.(only marks for 15 questions with correct answers will be considered ) Paper 2 Total questions 55, Total marks 45.
5. Answers do not have negative or minus marks.
6. Candidates are advised to strictly follow the instructions given in the OMR sheet and question paper to write the answers.
7. Fill the fields at the top of the OMR sheet before writing the answers.
8. Use only blue or black ballpoint pens to mark the answers on the OMR sheet.
9. Do not write any personal information or remarks of any kind on the OMR sheet. If they do any such thing, their sheet will be cancelled.

**Paper - 2**

**Part - A**

**English**

**Question No. 1-15**

**Read the passage carefully and then answer the questions.**

Once there was a miser who sold all his possessions and, with the money, bought a great lump of gold, dug a deep hole at the edge of the garden, and there he buried his gold. Once a day, thereafter, the miser went to the garden, dug up his gold, and embraced it lovingly. One of the miser's workmen wondered why his master spent so much time in the garden. One day, he hid behind a tree and soon discovered the secret of the hidden treasure. That night, when the miser was in deep sleep, the workman crept into the garden and stole the lump of gold. When the miser found that his gold was gone, he tore his hair and cried aloud in his despair. A neighbour came running to see what the matter was, and the grief-stricken miser told him what had happened. Then the neighbour said, "Pray to stop your weeping Go and find a stone. Place the stone in the hole and imagine that it is your lump of gold. The stone will serve your purpose, for you never meant to use the gold anyway." "To a miser, what he has is of no more use than what he has not."

1. How did the miser get the lump of gold?

(A) By selling all he had

(B) While digging the garden?

(C) From his ancestors

(D) From his neighbour

2. Why did miser spend so much time in the garden?

(A) He was a nature lover.

(B) He liked watching children playing in the garden.

(B) To keep an eye on his hidden treasure.

(C) To change the place of his lump of gold.

3. By whom was the gold stolen?

(A) A thief

(B) His neighbour

(C) The miser's workman

(B) The miser himself

4. The neighbour advised the miser to put a stone in the hole because .....

(A) Gold is like a stone only

(B) The miser would never use the gold, hence no difference between the two

(C) The stone will become gold after some time

(D) For a wise man, gold and stone have equal worth

5. I wish I ..... a car  
(A) had (B) have (C) has (D) was
6. Identify the correctly spelt word  
(A) Vehikal (B) Vehykle (C) Vehicle (D) Vahicle
7. Which of the following can be used as a describing word?  
(A) Flower (B) Beautiful (C) Field (D) Fill
8. I met Shyam ..... is the chairman of that company;  
(A) Who (B) Whom (C) Which (D) Whose
9. Rhyme that occurs within the lines of a poem is called .....  
(A) Alliteration (B) Rhyming word (C) Internal rhyme (C) Couplet
10. Choose a suitable phrase to get the meaning of the word to visit a person;  
(A) call on (B) call for (C) call out (D) call in
11. Choose the correct sentence;  
(A) If I were a fish the cat will eat me (B) If I were a fish the cat will eaten me  
(C) If I were a fish, the cat would eat me (D) The cat would eat me if I am a fish
12. Raju ..... to school everyday  
(A) goes (B) go (C) going (D) gone

**Read the poem carefully and then answer the questions.**

The World great, wide, beautiful, wonderful  
With the wonderful water round you curled,  
And the wonderful grass upon your breast -  
World, you are beautifully drest.

The wonderful air is over me,  
And the wonderful wind is shaking the tree,  
It walks on the water, and whirls the mills,  
And talks to itself on the tops of the hills.

You friendly Earth, how far do you go,  
With the wheat-fields that nod and the rivers that flow,

With cities and gardens, and cliffs, and isles,  
And people upon you for thousands of miles?  
Ah! you are so great, and I am so small,  
I tremble to think of you, World, at all;  
And yet, when I said my prayers to-day,  
A whisper inside me seemed to say,  
'You are more than the Earth, though you are such a dot:  
You can love and think, and the Earth cannot!'

-W.B.Rands

13. The wind in the poem talks to  
(A) passersby      (B) trees      (C) clouds      (D) itself.
14. The poet calls the earth  
(A) unfriendly      (B) friendly      (C) proud      (D) kind.
15. The poet calls the world 'beautifully drest' because  
(A) it looks beautiful  
(B) it has wonderful grass curled around it  
(C) it is covered with fine clothes  
(D) it is covered with green leaves

**Paper - 2**  
**Part - B**  
**Basic Science**  
**Question No. 16-35**

16. A flag is fixed on the seashore. The direction of the flag in the day will be,

- (A) towards west  
(B) towards the land  
(C) towards east  
(D) towards the sea

17. If we place an inflated balloon in a refrigerator, what happens?

- (A) Size of the balloon decreases  
(B) Size of the balloon increases  
(C) The balloon will break  
(D) No change in the size of the balloon

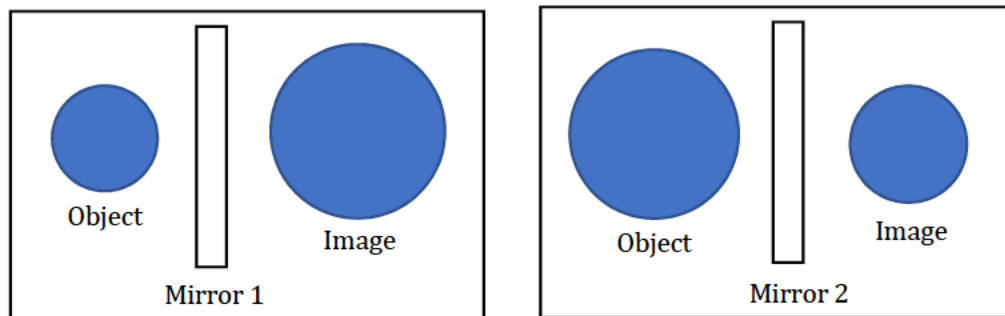
18. Which among the following is not used to make a fire extinguisher?

- (A) Vinegar and marble pieces  
(B) Vinegar and baking soda  
(C) Vinegar and lime  
(D) Vinegar and washing soda

19. Which of the following is a wrong pair?

- (A) Common Cold - Virus  
(B) Tuberculosis - Bacteria  
(C) Athlete's foot - Fungus  
(D) Typhoid - Virus

20. The image formed by different types of mirrors are given in the figure. What mirrors are these ?



- (A) The first mirror is concave and the second mirror is convex mirror.  
(B) The first mirror is convex and the second mirror is concave mirror.  
(C) The first mirror is plane mirror and the second mirror is convex mirror.  
(D) The first mirror is concave mirror and the second mirror is plane mirror.

21. 'MSG' is,
- (A) Food safety rule. (B) Chemical that gives taste to food.  
(C) Chemical that gives colour to food (D) Chemical fertilizer.
22. Choose the wrong statement, regarding heat radiation.
- (A) Heat is radiated through vacuum also  
(B) Heat is radiated only through vacuum  
(C) Heat radiation reflects by smooth surfaces  
(D) Heat from the sun reaches the earth through radiation
23. The compound formed by carbon dioxide and haemoglobin,
- (A) Oxy haemoglobin (B) Carboxyhaemoglobin  
(C) Carbamino haemoglobin (D) None of these
24. An organ that functions in associated with air pressure ?
- (A) Kidney (B) Liver (C) Heart (D) Lungs
25. Choose the right statement about the causing gas of acid rain.
- (A) Nitrogen oxides (B) Sulphur oxides.  
(C) Nitrogen oxides and sulphur oxides (D) None of these
26. World wetlands day ?
- (A) February 2 (B) March 22 (C) April 22 (D) March 21
27. Which condition creates more resistance to oxygen conduction?
- (A) Breathing Carbon monoxide.  
(B) Inhalation of generator fumes.  
(C) Formation of carboxyhaemoglobin.  
(D) All of these.
28. Which of the following statement is true with related to Artery?
- (A) Blood which has less quantity of oxygen.  
(B) Blood which has more quantity of carbon dioxide  
(C) Carries blood from heart to body parts.  
(D) Carries blood from body parts to heart.

29. When a liquid is tested pH paper shows acidic nature. Then pH of that liquid ?

- (A) 5                      (B) 7                      (C) 9                      (D) 10

30. Choose the correct statement about photosynthesis from the given ones;

- (A) Chlorophylls absorb oxygen  
(B) Uses water and glucose  
(C) Oxygen is released during photosynthesis.  
(D) Carbondioxide is released through photosynthesis.

31. Silkworm rearing is known;

- (A) Silvi culture              (B) Pisciculture              (C) Sericulture              (D) Floriculture

32. How do calculate BMI ?

- (A)  $\frac{(\text{Weight})}{(\text{Height})}$                       (B)  $\frac{(\text{Weight})}{(\text{Height})^2}$   
(C)  $\frac{(\text{Weight})^2}{(\text{Height})}$                       (D)  $\frac{(\text{Weight})^2}{(\text{Height})^2}$

33. Group of storage stems (underground stems)

- (A) Ginger, Amorphophallus, Colocasia , Turmeric  
(B) Amorphophallus, Pototo, Tapioca, Colocasia  
(C) Carrot, Beetroot, Asparagus, Sweet potato  
(D) Turmeric, Asparagus, Onion, Sweet potato

34. Which is the pair of second class levers?

- (A) Pliers                      - Nail puller  
(B) Scissors                      - Cutting plier  
(C) Wheel barrow              - Lemon squeezer  
(D) Pakkuvetti                      - Seesaw

35. 'Water and Climate change' was a theme associated with water day of which year ?

- (A) 2020                      (B) 2021                      (C) 2022                      (D) None of these.

**Paper - 2**  
**Part - C**  
**Basic Science**  
**Question No. 36-55**

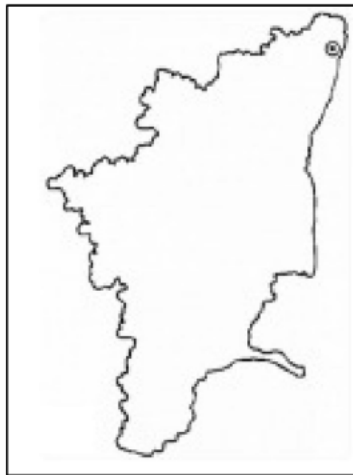
36. Who is the appointing authority of chief election commission in India?

- (A) Parliament (B) Governor  
(C) President of India (D) Supreme court chief justice

37. Reserve bank of India headquarters is located at ;

- (A) Bhopal (B) New Delhi (C) Mumbai (D) Kolkatta

38. Which state is given in the map?



- (A) Maharashtra  
(B) Karnataka  
(C) Gujarath  
(D) Tamilnadu

39. 0° longitude is known as;

- (A) Greenwich meridian (B) Topic of capricorn  
(C) Tropic of cancer (D) Equator

40. Education came under concurrent list of the constitution in the year;

- (A) 1973 (B) 1974 (C) 1975 (D) 1976

41. The first partition of Bengal announced by;

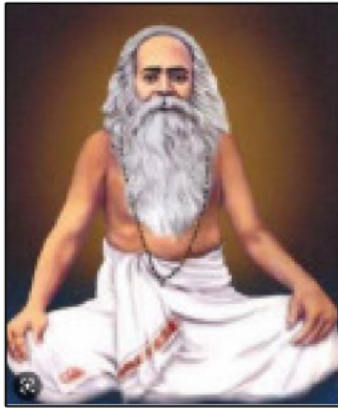
- (A) Lord Canning (B) Lord Curzon (C) Lord Rippon (D) Lord welllesley

42. Cartography is the discipline of;

- (A.) Study of soils (B) Study of Animals  
(C) Art and science of drawing maps (D) Geology



43. Name the social reformer given in the picture



- (A) Chattampi swamikal
- (C) Vaikhunda swami

- (B) Sree Narayana Guru
- (D) Ayyankali

44. 'Zumba' is related to;

- (A) Sports game
- (B) (C) Athletics

- (B) Dance exercise
- (D) Musical instrument

45. 'Cuba' discovered by the explorer;

- (A) Christopher Columbus
- (C) Vasco da Gama

- (B) Magallen
- (D) Marco polo

46. Industrial revolution began in the country;

- (A) Italy
- (B) France
- (C) Germany
- (D) England

47. The scale of a map is 1 cm = 50 km. If the distance between two places in the map is 15 cm, what will be the actual distance?

- (A) 750 KM
- (B) 7500 KM
- (C) 75 KM
- (D) 500 KM

48. Which is the wrong pair?

- (A) Vaikom Satyagraha – 1924
- (B) Quit India movement – 1942
- (C) Non-cooperation movement – 1920
- (D) Chauri Chaura incident - 1921

49. Under right to information act, what is the time period for supply of information to an applicant within.

- (A) 20 days
- (B) 30 days
- (C) 60 days
- (D) 90 days

50. Who is the Chancellor of Kerala Kalamandalam deemed University?

- (A) Mohanan Kunnimal (B) Anil Vallathole  
(C) Narthaki Nataraj (D) Mallika Sarabai

51. National Food Security Act in India implemented in;

- (A) 2020 (B) 2021 (C) 2013 (D) 2014

52. Which is the financial institution of Kerala to mobilize funds for infrastructure development from outside the state revenue;

- (A) Annapoorna (B) KIIFB  
(B) (C) GST (D) Thozhilurappu Padhathi

53. The first passenger train service started in India from.

- (A) Bombay to Thane (B) Bombay to Delhi  
(C) Madras to Delhi (D) Madras to Calcutta

54. A picture of the major renaissance writer is given. Which one is his work?



- (A) Divine comedy  
(B) Don Quixote  
(C) In praise of folly  
(D) Decameron

55. Name the country which will not host 2026 FIFA world cup;

- (A) Australia (B) Canada (C) Mexico (D) US