



KSTU
kerala school teachers union
STATE COMMITTEE

EM

Question Paper
Booklet Sl. No.

U.S.S Model Examination – 2025

Roll No.

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PAPER - II

INSTRUCTIONS

Candidates are advised to read the instructions given in the cover pages of Question Booklet and in the OMR Sheet very carefully.

1. There is a "cool off time" of 15 minutes in addition to the writing time of 90 minutes. During the time the candidate should not write the answer or communicate with others. Read the questions very carefully before writing the answers.
 - A) Paper II, Part (A) English has 15 questions. Students should answer all the questions.
 - B) Paper II, Part (B) Basic Science, Part (C) Social Science have 20 questions each. Out of which correct answer of 15 questions each from Part (B), Part (C) shall be considered.
2. There will be no negative marks. For answering questions, candidates are advised to follow instructions strictly given in the Question Paper and on the OMR Answer Sheet.
3. Fill in all the entries on the Top part of the OMR Sheet before beginning to answer questions.
4. Use only Blue/Black Ball Point Pen for answering questions on OMR Answer Sheet.

PART – A
ENGLISH
Question Number 1 - 15

Questions. 1 - 4: Read the following passage and answer the questions that follow by choosing the right answer from the options given along with each question

Passage: The Power of Education

Education is the key to unlocking a person's potential. It broadens the mind, sharpens critical thinking, and nurtures creativity. A well-educated person is not just knowledgeable but also capable of making informed decisions. Schools and teachers play a vital role in shaping students' futures by imparting essential skills and values. Without education, society would struggle to progress, as it is the foundation of innovation and development.

Beyond textbooks and classrooms, education teaches important life lessons. It instils discipline, patience, and perseverance. Students learn to communicate effectively, solve problems logically, and work collaboratively. Moreover, education fosters empathy and helps individuals understand diverse perspectives, making them more responsible citizens. A strong educational system ensures equality, giving everyone an opportunity to achieve their dreams.

In the modern world, education extends beyond traditional learning. The rise of technology has transformed the way knowledge is acquired. Online resources, digital classrooms, and interactive tools make learning more engaging and accessible. However, true education is not just about gathering information; it is about applying knowledge wisely. When people use education to improve society, they contribute to a better and more enlightened world.

1. What is the primary role of education?
 - a) To memorize facts
 - b) To unlock a person's potential
 - c) To make students competitive
 - d) To focus only on academic success
2. Which of the following is NOT mentioned as a benefit of education?
 - a) Enhancing creativity
 - b) Developing patience
 - c) Learning multiple languages
 - d) Improving communication skills
3. How has technology impacted education?
 - a) It has made learning more difficult
 - b) It has replaced traditional classrooms completely
 - c) It has made learning more engaging and accessible
 - d) It has reduced the importance of teachers

4. Identify the synonym of 'perseverance' from the given options:
 - a) Order
 - b) Determination
 - c) Tolerance
 - d) Weakness

Questions. 5 - 12: Pick out the right answer from the options given.

5. She ___ her homework already.
 - a) finishes
 - b) finished
 - c) has finished
 - d) will finish
6. When I was younger, I run five kilometers every morning."
 - a) could
 - b) would
 - c) should
 - d) have
7. The author ___ you met at the book signing is famous for his mystery novels.
 - a) who
 - b) whom
 - c) whose
 - d) what
8. Which poetic device is used in the following line? "The moon alone glows in the blue sky."
 - a) Personification
 - b) Alliteration
 - c) Assonance
 - d) Refrain
9. A ___ of birds settled on the roof in the early morning.
 - a) Colony
 - b) Pack
 - c) Fleet
 - d) Flock
10. Which of the following is the correct collocation?
 - a) Make a decision
 - b) Do a decision
 - c) Take a decision
 - d) Create a decision
11. If she ___ earlier, she would not have missed the bus.
 - a) leaves
 - b) left
 - c) had left
 - d) will leave
12. She arrived ___ the airport early and waited ___ the gate.
 - a) in, at
 - b) at, in
 - c) at, at
 - d) in, in

Questions. 13 - 15: Read the following poem and answer the questions

The Brook

I come from haunts of coot and hern,
I make a sudden sally
And sparkle out among the fern,
To bicker down a valley.

By thirty hills I hurry down,
Or slip between the ridges;
By twenty thorps, a little town,
And half a hundred bridges.

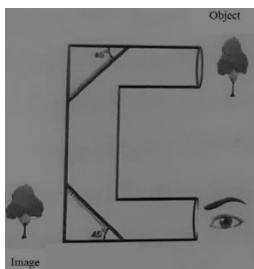
Till last by Philip's farm I flow,
And it's there I join the river,
For men may come, and men may go,
But I go on forever.

I wind about, and in and out,
 With here a blossom sailing,
 And here and there a lusty trout,
 And here and there a grayling.

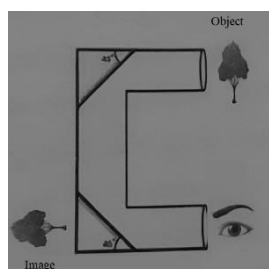
13. What does the brook do as it flows through the valley?
 a) It stays still
 b) It sparkles out among the fern
 c) It disappears into the mountains
 d) It dries up
14. What is the poet's message about the brook in the last stanza?
 a) The brook will eventually stop flowing
 a) The brook is eternal, outlasting people
 b) The brook can be controlled by men
 c) The brook is afraid of human interference
15. Which of the following is NOT mentioned as something the brook flows by?
 a) Towns
 b) Bridges
 c) Mountains
 d) Farms

PART – B
BASIC SCIENCE
Question Number 16 – 35

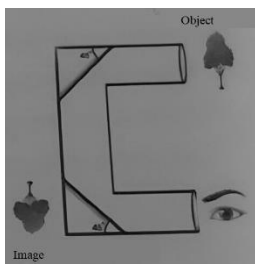
16. Which of the following is correct group.
 a) Night Blindness - Vitamin B - Carrot - Leaves
 b) Goitre - iodine – Sea fishes
 c) Scurvy - Vitamin A - Coconut, sesame, groundnut
 d) Anaemia - Vitamin D - sunlight – grains
17. How will the image be formed in the periscope below?



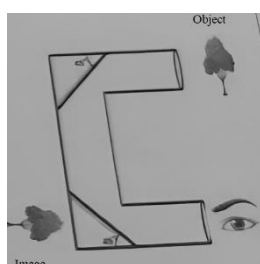
a)



b)



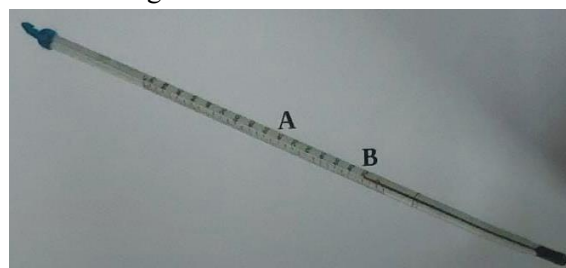
c)



d)

18. Which of the following is group at Organic Acid?
 a) Sulphuric Acid, Nitric Acid, Hydrochloric Acid
 b) Formic Acid, Acetic Acid, Oxalic Acid
 c) Tartaric Acid, Acetic Acid, Nitric Acid
 d) Hydrochloric Acid, Acetic Acid, Tartaric Acid

19. During adolescence
 a) Include more fatty food in the diet
 b) intake carbohydrate rich food
 c) include protein rich food in the diet
 d) include fibre rich food in the diet
20. Distillation is a method of separating the components from mixtures. What should be the characteristics of the components of mixtures so that the method can be made use of
 A) Both the components are liquid, but they are miscible.
 B) One component should be solid and other a liquid in which the solid dissolves.
 C) Both the components are liquids but they are not miscible.
 D) One component should be a solid and the other a liquid in which the solid dissolves.
 a) B b) A c) C&D d) A & B
21. The chemical name of bleaching powder
 a) Calcium Hydroxide
 b) Mono sodium glutamate
 c) Sodium bicarbonate
 d) Calcium Hypochlorite
22. What is meant by an opaque object being blue?
 a) The object absorbs blue light
 b) The object reflects blue light
 c) The object reflects all colours except blue light
 d) The object transmits blue light
23. The image of a hotel located next to a lake is reflected in the stagnant water surface of the lake. The characteristics of that image are given below. Which of the following is incorrect?
 a) The image is seen upside down
 b) The image will be larger than the object
 c) The image shows lateral inversion
 d) When the water surface is agitated, the image also appears to be agitated
24. The atmospheric temperature was shown at A on the thermometer. When the thermometer is placed in a liquid, the mercury moves to level B. Then which of the following is the correct statement?



- a) Atmospheric temperature is lower than the liquid temperature
 b) the atmospheric temperature and the liquid temperature are same
 c) the atmospheric temperature is more the liquid temperature
 d) none of these

25. The wires used for wiring in homes have copper wires and a polymer sheet covering them. Of these,
- Copper wire is an insulator and the sheath is a conductor
 - Copper wire is a conductor and the sheath is an insulator
 - Copper wire and sheath are conductors
 - Copper wire and sheath are insulators
26. Select the one that is not included in the artificial pollination process from the following
- The collected pollen grains are placed on the anther of the flower to be artificially pollinated
 - The flower is wrapped and tied to prevent pollination from other flowers
 - The stamens of the flower are cut off
 - The flowers are covered with a net
27. The water at the surface of a wet body gets heated by sunlight. But the water at the bottom does not get heated. The reason is
- Very small amount of heat is reaching the bottom through conduction and convection.
 - Very small amount of heat is reaching the bottom through convection and radiation.
 - Very small amount of heat is reaching to the bottom through conduction and radiation.
 - Heat is not reaching at the bottom through conduction, convection and radiation.
28. A few drops of phenolphthalein were added to the diluted caustic soda solution. What will be the change in this when a straw is lowered and blown strongly?
- It loses its pink colour and becomes colourless
 - Colourless solution turns pink
 - Orange colour changes to yellow colour
 - Yellow colour changes to red colour
29. What shape will the moon be if it is directly overhead at sunset?



30. ● No cell nucleus, ● Contains haemoglobin
● Seen in vast number in the blood of the following which one is related with the above statements.
- Red blood cell
 - White blood cells.
 - Platelets
 - Plasma
31. What is the reason for sunrise in the east and sunset in the west
- Rotation of earth is from east to west
 - Rotation of earth is from south to North
 - Rotation of earth is from west to east
 - Sun around the earth
32. Which of the following is a correct statement
- In mango male flowers and female flowers are found in separate plants.
 - In coconut male flowers and female flowers are found in separate plants.
 - In nutmeg male flowers and female flowers are found in same plants.

- In palm male flowers and female flowers are found in separate plants.
33. The physical deformity in which the upper spine of the body is bend forward is known as?
- Kyphosis
 - Lordosis
 - Scoliosis
 - Metaphasis
34. The picture indicates a method of separating the paddy husk from the paddy. What is being utilized in this segregation method.



- Size difference of component materials
 - Shape difference of component materials
 - Weight difference of component materials
 - Colour difference of component materials
35. What is the energy change in solar panel
- light energy to chemical energy
 - Heat energy to electrical energy
 - Light Energy to heat energy
 - light energy to electrical energy

Part C

Social Science

Question Number 36 – 55

36. Who among the following was not a member of the Cabinet Mission?
- Pethick Lawrence
 - Clement Attlee
 - Stafford Cripps
 - E.V. Alexander
37. When did the first meeting of the Constituent Assembly of India take place?
- December 9, 1946
 - December 6, 1946
 - August 14, 1947
 - August 15, 1947
38. Read the following statements and choose the correct option
- Veerarayan panam was a coin that was popular during the reign of the Zamorins of Calicut.
 - Foreigners called it ponpanam
 - These coins came into use from 1665.
- All statements are correct
 - Only one is correct
 - One and two are correct
 - Only three is correct

39. Who among the following was a 14th century Bhakti poetess from Kashmir?
 a) Akka Mahadevi
 b) Sairabhai
 c) Bahinabai
 d) Lallabai (Laldhedh)
40. What's Udhasi?
 a) Worshipping place of Sikhs
 b) Community kitchen by Guru Nanak
 c) Journey of Guru Nanak.
 d) The Holy book of Sikhs
41. Who is the governor of Reserve Bank of India?
 a) Sanjay Malhotra b) Sanjiv Khanna
 c) Sanjay Murthy d) Rajiv Kumar
42. Among the following which one is wrong group
 a) Pathmavat -Hindi Malik - Mohammad Jaizi
 b) Gita Govind -Bengali - Jayadev
 c) Muhitudheenmala - Malayalam_ Qasi Mohammad
 d) Vachanas_ Tamil- Basavanna
43. Identify the monument from the given clues
 1. This was constructed by Vijayanagara rulers
 2. Rock chariot and attractive musical pillars are the features of this monument
 a) Vithala Swamy temple
 b) Virupaksha temple
 c) Hazara rama temple
 d) Lotus Mahal
44. What is the correct statement regarding the Southwest Monsoon?
 a) The eastern parts of India receive the most rainfall.
 b) The monsoon is caused by winds from the Bay of Bengal.
 c) Most of the rainfall occurs in June and July.
 d) The sun is directly over the Indian Ocean during this time.
45. Among the following which one is the group of Kharif crops?
 a) Rice, wheat, mustard
 b) Rice, wheat, dhal
 c) Rice, dhal, cotton
 d) Rice, cotton, mustard
46. Whose autobiography is Long Walk to Freedom'
 a) A Martin Luther King
 b) B Abraham Lincoln ncoln
 c) C Nelson Mandela
 d) D Mahatma Gandhi
47. The part below the crust in which the rocks are in a molten state is called
 a) Lithosphere b) Asthenosphere
 c) Hydrosphere d) Biosphere
48. Among the following women who was not the member of constituent assembly?
 a) Annie Mascarene
 b) Dakshayani Velayudhan
 c) E K Janaki Ammal
 d) Ammu Swaminathan
49. Which amendment is called as mini constitution?
 a) Article 44 b) Article 86
 c) Article 1 d) Article 42
50. When do we observe World Ozone Day?
 a) September 16 b) March 22
 c) February 2 d) June 5
51. What are called Hydrosopic nuclei?
 a) Water vapour in the atmosphere
 b) Clouds in the atmosphere
 c) Gases in the atmosphere
 d) Fine dust particles in the atmosphere
52. Regarding the stratosphere, which statements is/are correct?
 1. It's the layer just above the troposphere
 2. The temperature of this layer increases after a specific height
 a) Only statement 1 is correct.
 b) Only statement 2 is correct.
 c) Both statements 1 and 2 are correct.
 d) Both statements 1 and 2 are incorrect.
53. In which Indian state the Panchayati Raj system came into existence first?
 a) Kerala b) Rajasthan
 c) Tamil Nadu d) Andhra Pradesh
54. What is the name of the project launched in Kerala on May 17, 1998, with the goal of empowering women and eradicating poverty?
 a) Ashwasakiranam
 b) Snehasanthwanam
 c) Snehasparsham
 d) Kudumbashree
55. What was the name of the philosophy developed by Akbar, which combined the good aspects of all religions?
 a) Sulh-i-Kul
 b) Din-i-Ilahib
 c) Ibadat-e-Khana
 d) Diwan-i-Khas