



# K P S T A STATE ACADEMIC COUNCIL

## USS Model Examination -2024

### **PAPER II**

Time : 1.30hrs

English, Basic science, Social Science

Total Marks : 45

### INSTRUCTIONS

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

1. There is 'cool off time' of 15 minutes in addition to the writing time of 105 hrs.
2. You are not allowed either to write the answer or to discuss anything with others during the "cool off time".
3. Use the 'cool off time' to get familiar with question and to plan your answers.
4. In paper II there are 55 questions. Among these answer 45 questions. Part A English 15 questions- answer all questions. Part B Basic Science – 20 questions- answer any 15 questions, Part C – Social science – 20 questions answer any 15 questions
5. There will be no negative marks
6. For answering questions, candidates are advised to follow instructions strictly given in the question paper and on the OMR Sheet
7. Fill in all entries on the top part of the OMR sheet before beginning to answer questions.
8. Use only Blue/Black Ball point Pen for answering questions on OMR answer sheet.
9. No, identification mark, other than where asked for, OMR answer sheet, is permitted. If done so, the OMR answer sheet is liable to be treated as cancelled.
10. Don't use back side of OMR answer sheet for rough work. For rough work use only the pages marked as rough work in the question paper booklet.
11. The candidate must return the answer sheet (OMR) to the invigilator before leaving the examination centre.
12. If you darken more than one circle, your answer will be treated wrong.
13. Cutting or overwriting in any box provided for answering question will be deemed to be an incorrect answer.
14. Don't rub, erase, cut, fold or overwrite on the OMR answer sheet.
15. Pen marking once made is final.
16. Use of white fluid or any other correction fluid to erase the pen marking once made is not permitted
17. In case of improper bubbling/erasing/whitening etc. the reading of the OMR machine will be taken as final and any arguments to defend which action will not be entertained.
18. Since the sheet will be processed by a machine, write and mark the circles in the appropriate space only.

**Signature of Candidate**

**Signature of the Invigilator**

**PAPER-II**  
**Part – A English**  
**(Question Numbers 1 to 15 )**

Read the passage and answer the following questions.

Between the boy and the river stood a mountain. The boy was young and the river was small, but the mountain was big. The thickly forested mountain hid the river, but the boy knew it was there. He had never seen the river with his own eyes, but from the villagers he had heard of it, of the fish in its water and of its rocks. He wished to touch the water and know it personally.

1. Write the other word for mountain?  
A) Rock                      B) Soil                      C) Sand                      D) Hill
  2. Find out the correct spelt word?  
A) personelly              B) pesnationally              C) personally              D) personelly
  3. From the villagers he had heard of it, of the fish in its waters and .....its rocks.  
A) on                      B) from                      C) in                      D) of
  4. ....the boy and the river stood a mountain.  
A) On                      B) Within                      C) Between                      D) In
  5. Poliya was an .....woman.  
A) unilliterate              B) disilliterate              C) misilliterate              D) illiterate
  6. He had once been a simple peasant. Find out the other word for peasant?  
A) teacher                      B) actor                      C) doctor                      D) farmer
- Thirty days has September  
April June and November  
February has twenty-eight alone  
And all the rest have thirty-one  
But when the leap year comes once in four  
February has one day more
7. Which one of the following months has thirty-one days?  
A) March                      B) September                      C) February                      D) April
  8. Which month has twenty nine days in a leap year?

- A) February      B) April      C) June      D) November
9. Which word rhymes with four?  
A) September      B) More      C) November      D) Year
10. She looked at the noisy..... Of goats in the field.  
A) gang      B) flock      C) fleet      D) pack
11. A person who goes on a long journey in a ship is .....  
A) tourist      B) pioneer      C) traveller      D) voyager
12. Which is not the synonym of the word 'destination'.  
A) early morning      B) target      C) landing place      D) aim
13. My love is a rose. The figure of speech used here is.....  
A) Smile      B) irony      C) personification      D) metaphor
14. If you smile, you .....beautiful. (look)  
A) will look      B) would look      C) look      D) looked
15. You smoke,.....?  
A) don't you      B) didn't you      C) doesn't you      D) aren't you

**PAPER-II Part – B**

**BASIC SCIENCE (Question Numbers 16 to 35 )**

16. Which of the following is an example of a saprophyte?  
A) Neotia      B) Loranthus      C) Rafflesia      D) Money plant
17. Which part of the pepper plant helps it climb on supports?  
A) Tendrils      B) Adventitious roots  
C) Aerial roots      D) None of these
18. Which of the following statements is incorrect?  
A) All objects are opaque      B) Pure water is a transparent liquid  
C) Air is a transparent gas      D) Opaque objects cast shadows

19. What kind of mirror should the driver use to see the vehicles coming from behind?  
A) Concave      B) Flat surface      C) Convex      D) None of these
20. In which of the following situations is air pressure used?  
A) Pulling a table      B) Pumping water from a well  
C) Lifting a heavy object      D) All of the above
21. Diseases are transmitted in many ways. Which of the following diseases is not transmitted through water?  
A) Cholera      B) Typhoid      C) Jaundice      D) Tuberculosis
22. Which is the colour of the soil with the highest organic matter content?  
A) Red      B) Yellow      C) Dark black      D) None of these
23. Which is the non-renewable energy source?  
A) Petroleum      B) Coal      C) Wind      D) Diesel
24. Which of the following is not a small fruit?  
A) Custard apple      B) Mango      C) Grapes      D) Rice
25. What is the motion of the strikers on a carrom board?  
A) Rectilinear motion      B) Circular motion  
C) Oscillation      D) Rotational motion
26. From which substance is the metal sodium obtained?  
A) Sugar      B) Salt      C) Rice      D) Soda ash
27. What is the name of the magnet found in nature?  
A) Alnico      B) Lodestone      C) Neodymium      D) Samarium
28. What colour are stars with high temperatures?  
A) Red      B) Yellow      C) Blue      D) Green
29. Example of a solution in which a solid is dissolved in a liquid?  
A) Aluminum      B) Salt solution      C) Brass      D) Iron

30. Animals with both internal and external skeletons?  
A) Crocodile      B) Goat      C) Cat      D) Chicken
31. "Silent Spring" is a book written by Rachel. This book, which sparked a lot of discussion around the world, is about what?  
A) War casualties      B) Global warming  
C) Pesticides      D) Nuclear disaster
32. The word associated with fish production is?  
A) White revolution      B) Green revolution  
C) Blue revolution      D) Yellow revolution
33. Which lens is used to correct nearsightedness (myopia)?  
A) Convex lens      B) Concave  
C) Cylindrical lens      D) None of these
34. Acid that does not contain oxygen?  
A) Hydrochloric acid      B) Sulfuric acid  
C) Nitric acid      D) Phosphoric acid
35. When is World Health Day?  
A) July 14      B) April 7      C) June 5      D) February 24

**PAPER-II**  
**Part – C Social science**  
**(Question Numbers 36 to 55 )**

36. What is the period referred to as the Middle Ages in India?  
A) 8th century CE to 12th century CE  
B) 8th century CE to 19th century CE  
C) 8th century CE to 15th century CE  
D) 8th century CE to 18th century CE

37. Who is the Father of Renaissance?  
A) Petrarch      B) Socrates      C) Aristotle      D) Sophocles
38. Who was the scientist who proved that the heliocentric theory is correct?  
A) Isaac Newton      B) Galileo Galilei  
C) Copernicus      D) Aristarchus of Samos
39. Which of the following were the trading centres of the Dutch in India?  
A) Kollam, Kozhikode      B) Kannur, Kollam  
C) Kochi, Kollam      D) Kochi, Kannur
40. Who invented the locomotive?  
A) James Watt      B) John Kay  
C) George Stephenson      D) Martin Luther
41. The dispute over tax collection in Kottayam led to which of the following revolts?  
A) Anjuthengu Revolt      B) Malabar Rebellion  
C) Kottayam Revolt      D) Pazhassi Revolt
42. Who founded the organisation "Satyashodhak Samaj"?  
A) Swami Dayananda Saraswati      B) Jyotirao Phule  
C) Raja Ram Mohan Roy      D) Sri Ramakrishna Paramahansa
43. What are parallels of latitude?  
A) Imaginary lines parallel to the equator  
B) Imaginary lines connecting the North Pole and South Pole  
C) Imaginary lines dividing the Earth into two hemispheres  
D) 0° imaginary line

44. Which of the following is not a tributary of the Ganges?  
A) Kosi                      B) Yamuna                      C) Amaravati                      D) Mandakini
45. The Strait of Gibraltar:  
A) Separates Europe from Asia  
B) Separates Europe from Africa  
C) Separates Europe from America  
D) Separates Europe from Antarctica
46. Arrange the following historical events in chronological order:  
1. Salt Satyagraha  
2. Quit India Movement  
3. Vaikom Satyagraha  
4. Malabar Rebe  
A) 1,2,3,4                      B) 4,3,1,2                      C) 2,1,4,3                      D) 3,4,1,2
47. In which year did the Indian Parliament pass the Food Security Act?  
A) 2003                      B) 2013                      C) 2010                      D) 2011
48. Who won the Nobel Peace Prize in 2023?  
A) Juan Guaidó                      B) Narges Mohammadi  
C) Kailash Satyarthi                      D) Nadia Murad
49. Who among the following is an Indian who won the Nobel Prize in Economics?  
A) Kailash Satyarthi                      B) Amartya Sen  
C) Rabindranath Tagore                      D) Bengt R. Holmström
50. The scientific discipline of map making is called:  
A) Saranology                      B) Ecology  
C) Cartography                      D) Settlement Geography

51. When is World Water Day celebrated?  
A) March 8      B) February 11      C) March 22      D) February 22
52. The term "Fourth Estate" refers to:  
A) Executive branch      B) Judiciary  
C) Press and media      D) Legislative branch
53. Which state was the first to implement Panchayati Raj?  
A) Kerala      B) Rajasthan      C) Madhya Pradesh      D) Haryana
54. What is the name of the process of creating goods and services to fulfill human needs?  
A) Production      B) Consumption      C) Distribution      D) Organization
55. Education falls under which sector?  
A) Primary sector      B) Secondary sector      C) Tertiary sector      D) None of the above
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