



K P S T A STATE ACADEMIC COUNCIL

USS Model Examination -2023

UE 804

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 Question Booklet and in the OMR Sheet very carefully.

1. There is 'cool off time' of 15 minutes in addition to the writing time of 1 1/2 hrs. Time 11.30 to 1.15 pm
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. He stood in front of his house on the hill opposite the mountain and gazed across the valley, dreaming of the river.

1. Find out the other word for looked from the paragraph ?
A) Stood B) heard C) gazed D) wished
2. The boy heard about the river from ?
A) the parents B) the teachers C) the brother D) the villagers

Read the poem and answer the questions

“The sun does arise,
And make happy the skies
The merry bells ring
To welcome the spring
The skylark and thrush,
The birds of the bush,
sing louder around,
To the hells’ cheerful sound,
while our sports shall be seen
On the echoing green.”

Here the rhyming words are

1) arise-skies 2) ring_spring 3) thrush-bush 4) around-sound 5) seen- green

3. Now find out the alliteration
A) bell sound ; welcome spring
B) sun arise ; happy skies
C) birds bush ; sports seen
D) Skylark thrush ; around sound
4. If a CARAVAN of pilgrims
A CHOIR of singers
A COLLECTION of coins

A.....of people

A) CLUSTER B) COMPANY C) COUNCIL D) COLONY

5. My wife is five foot six inches.....

A) Length B) Hight C) Long D) Tall

6. Choose the correct one

A) The pen is useful for me B) The pen is useful with me

C) The pen is useful above me D) The pen is useful to me

7. The train will come shortly. What does the expression 'shortly' mean ?

A) Soon B) Lately C) Will be late D) Suddenly

8. Re-arrange the spelling to get a meaningful word

Stasie

A) stasei B) sietas C) siesta D) tasies

9. The opposite word of 'legitimate' is

A) Dislegitimate B) Illegitimate

C) Mislegitimate D) Unlegitimate

10. Edit the sentence

"The sun race in the east"

A) The son race in the east.

B) The sunrise in the east.

C) The sun raise in the east.

D) The sun rises in the east.

11. Doctor - Patient, Advocate -

A) Criminal B) Thief C) Client D) None of these

12. I am late

A) Amn't I ? B) Aren't I ? C) Are I ? D) Am I ?

13. The rhyme scheme of a Limarick is

A) ABABA B) AABBA C) ABBAB D) AABAB

14. Pick out the correct statement

A) He married my sister B) He married to my sister

C) He married with my sister D) He marry my sister

15. If Raju goes to the birthday party, he.....a present

A) will give B) would give C) would gave D) would have given

PAPER-II

Part – B Basic Science

(Question Numbers 16 to 35)

16. The instrument which is used to measure the intensity of light by comparing light from two different sources?
A) Thermostat B) Photometer C) Galvanometer D) Seismometer
17. What is the chemical name of vinegar?
A) Sodium silicate B) Calcium sulfate C) Dilute acetic acid D) Ethyl alcohol
18. Which of the following statements is true?
A) When depth decreases, the pressure of the liquid increases.
B) When depth increases, the pressure of the liquid decreases.
C) When depth increases, the pressure of the liquid increases.
D) None of the above.
19. Which part of coconut do we eat as food?
A) External Husk B) Middle Shell C) Inner Shell D) Kernel
20. What happens to an inflated balloon when it is dipped in water?
A) Volume increases B) Volume decreases
C) There is no change in volume D) Pressure decreases
21. Which is an example of an inherited disease?
A) Xerophthalmia B) Beriberi C) Marasmus D) Hemophilia
22. What is the pH value of human blood?
A) 8.5 B) 6.6 C) 7.3 D) 7.0
23. Which device among the following has the highest energy efficiency?
A) Filament bulb B) Mercury bulb C) CFL D) LED
24. Which elements are present in stainless steel?
A) Iron, Chromium, Lead B) Iron, Nickel, Chromium
C) Iron, Carbon, Nickel D) Iron, Lead, Tin
25. Acid without oxygen?
A) Hydrochloric acid B) Sulphuric acid C) Nitric acid D) Phosphoric acid
26. Which sugar is formed when food and saliva dissolve?
A) Glucose B) Maltose C) Fructose D) Sucrose

27. When you put an egg in a beaker and pour vinegar, the egg rises to the top and then goes to the bottom. This is due to the effect of which gas?
A) Carbon dioxide B) Oxygen C) Hydrogen D) Nitrogen
28. Which teeth are the first to appear?
A) Incisors B) Premolars C) Molars D) Canines
29. Which animal continues to grow its teeth until the end of its life?
A) Dog B) Horse C) Cow D) Elephant
30. When is World Health Day?
A) July 21 B) April 7 C) June 5 D) February 24
31. An element with a single atomic particle?
A) Helium B) Oxygen C) Chlorine D) Sulfur
32. When do we need to use very little force while using a lever?
A) First-class lever B) Second-class lever
C) Third-class lever D) All types of levers
33. Which of the following statements is incorrect?
A) During daytime, land gets hot quickly. B) At night, land cools down quickly.
C) During the day, air above the land rises upwards due to the hot surface.
D) At night, the land cools down faster than the sea.
34. What is the reason that we feel like we are being pulled towards the front of the train as it moves fast near the platform?
A) Pressure of the moving air is reduced. B) Pressure of the moving air is increased.
C) Reduced pressure of the air moves upwards. D) Reduced pressure of the air moves towards the front.
35. Which organism hatches eggs and raises the young ones by nursing them?
A) Bat B) Remora C) Blue Whale D) Platypus

PAPER-II

Part – C SOCIAL SCIENCE

(Question Numbers 36 to 55)

36. The northeast monsoon is known in Kerala as ?
A) Idavappathy B) Kalavarsham C) Thulavarsham D) Monsoon Rains
37. Who was the emperor known as the Indian Napoleon?
A) Chandragupta I B) Chandragupta II C) Samudragupta D) Ashoka
38. Which river originates from the Silent Valley?
A) Periyar B) Chalakudy C) Karmana D) Kundipuzha
39. The name of the imaginary lines that connect the North Pole and the South Pole of the earth and divide the earth into Northern and Southern Hemispheres?
A) Longitude lines B) Latitude lines C) Poles D) None of these
40. What is the Wagon Tragedy associated with?
A) Vaikom Satyagraha B) Non-Cooperation Movement
C) Punnappa-Vayalar uprising D) Malabar Rebellion
41. Which is the only Arch dam in India?
A) Malampuzha Dam B) Peechi Dam
C) Idukki Dam D) Kuttiadi Dam
42. Mahatma Gandhi: Raj Ghat, Ambedkar:
A) Shakti Sthal B) Chaitya Bhoomi C) Ekta Sthal D) Bodh Ghat
43. Which incorrect pair is being referred to?
A) Humidity – Hygrometer B) Car speed - Anemometer
C) Atmospheric pressure - Wind vane D) Atmospheric temperature - Thermometer
44. On which day is National Constitution Day celebrated?
A) December 26 B) November 26 C) October 26 D) January 26
45. What is the state fish of Kerala?
A) Chemeen (Prawn) B) Ayala (Mackerel)
C) Karimeen (Pearl Spot) D) Kanava (Squid)
46. Rohith Vemula is related to?
A) Narmada Bachao Andolan B) Endosulfan tragedy
C) Dalit oppression D) Tribal land struggle

47. Arrange the following historical events in chronological order:
1. Wagon Tragedy 2. Jallianwala Bagh Massacre 3. Vaikom Satyagraha 4. Chauri Chaura Incident
A) 1,2,3,4. B) 2,4,1,3 C) 2,1,3,4 D) 2,1,4,3
48. Which type of soil is suitable for cotton cultivation?
A) Karutha Mannu (Black soil) B) Chemmanu (Red soil)
C) Parvathamannu (Mountain soil) D) Ekkal Mannu (Sandy soil)
49. Who proposed the theory of the solar system?
A) Tolomei B) Copernicus C) Galileo D) Bruno
50. What is the basis for the longitude and latitude lines on a globe?
A) Poles B) Equator
C) Axis D) Angular distance from the Earth's centre
51. Which day is celebrated as Farmers' Day in Kerala?
A) Medam 1 B) Karkidakam 1 C) Chingam 1 D) Makaram 1
52. Who was the social reformer who fought for the admission of children from the marginalized sections in schools?
A) Sree Narayana Guru B) Ayyankali
C) Sahodaran Ayyappan D) Vagbhatananda
53. Which of the following is a non-conventional energy source given below?
A) Coal B) Petroleum C) Wind D) Diesel
54. Which sea that separates India from Sri Lanka?
A) Suez B) Panama C) Gibraltar D) Palk Strait
55. 'Shanti Niketan' is located in
A) Madhya Pradesh B) Bihar
C) Bengal D) Odisha
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