

K.P.S.T.A. State Academic Council

U.S.S. Model Examination 2020

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PAPER - II


Time : 1.30 Hrs

English, Basic Science, Social Science

Total Mark: 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 a "cool off time" of 15 minutes in addition to the writing time of 1.5 Hours.
2. You are not allowed either to write the answers 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 question. Among these answer 45 questions. Part A - English - 15 question - 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, on the OMR Answer Sheet, is permitted . If done so, the OMR Answer Sheet is liable to be treated as cancelled, The decision of the Secretary, Pareeksha Bhavan in the regard shall be final.
10. Don't use backside 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 Sheet) to the invigilator before leaving the examination centre. However, student must collect carbon duplicate copy of attempted OMR Answer Sheet from Invigilator before leaving the examination hall.
12. To answer questions, dark only one circle (A) (B) (C) (D) with black / dark blue ink, which you consider correct, corresponding to a specific question.
13. Mark your answer in the appropriate ovals against the number corresponding to the questions you are answering. Eg. If the answer of 10th questions is "C", Mark carefully on the OMR Sheet given to you as explained below.
14. The following way of marking should be avoided

15. If you darken more than one circle, you answer will be treated as wrong.
16. Cutting or overwriting in any box provided for answering question will be deemed to be an incorrect answer.
17. Don't rub, erase, cut, fold or overwrite on the OMR Answer sheet.
18. Pen marking once made is final.
19. Use of white fluid or any other correction fluid to erase the pen marking once made is not permitted.
20. IN the 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.
21. Since thee sheet will be processed by a machine, write and mark the circles in the appropriate space only.

Signature of the Candidate

Signature of the Invigilator

PAPER - II

Part - A English

(Question Numbers 1 to 15)

Read the following passage and select the correct answer for the questions 1 to 4.

Woman had a pet mongoose. It was very faithful. One day she went to the market, leaving her baby in the care of the mongoose. At that time a big cobra entered the house. The mongoose killed it after a long and fierce fight. When the woman came back she saw the mongoose lying at the entrance. She noticed its blood-covered mouth. In her haste the woman thought that the mongoose had killed her baby. In a moment of sudden fury, the woman threw the water pot on the mongoose and killed it. Alas! When she entered the house she was filled with remorse. Her baby was playing cheerfully. Nearby a big cobra lay dead. The woman shed tears of grief fondling the carcass of the mongoose.

- 1 The Woman went to the market, leaving her baby
 - A) To protect from the snakes
 - B) In the protection of the mongoose
 - C) To see the market
 - D) To have a good feast
- 2 Which is the most appropriate moral of the story
 - A) As you sow, so shall you reap
 - B) Give respect and take respect
 - C) Haste is waste
 - D) A Stitch in time saves nine
- 3 The word 'grief' means:
 - A) love
 - B) sympathy
 - C) anger
 - D) sorrow
- 4 Why did the woman kill the mongoose?
 - A) She thought that the mongoose attacked her baby
 - B) She realised that a cobra came there
 - C) Actually, she didn't like the mongoose
 - D) She wanted to express her love towards her baby
- 5 The government should *give up* the project
 - A) to examine carefully
 - B) to withdraw
 - C) to finish completely
 - D) to acknowledge
- 6 Identify the word that describes a sound
 - A) rattling
 - B) scorching
 - C) steep
 - D) fragrance
- 7 Choose the correct sentence
 - A) Slow and steady are winning the race
 - B) The old lady shout at us everyday
 - C) She have a beautiful white frock
 - D) we deposit our salary in the bank
- 8 The word which means expecting good things to happen

- A) Pessimistic B) philanthropic C) optimistic D) lynx-eyed
- 9 *twirl* is a word related to movement. What type of movement is twirl?
 A) to revolve round a central point B) to jump high
 C) to move forward D) to move fast
- 10 She had left the office before the manager
- A) arrives B) arrived C) had arrived D) has arrived
- 11 My cousin lives a posh area..... Delhi.
 A) in, in B) on, of C) of, in D) None of the above
- 12 Lions roars; horse.....
 A) hoots B) meows C) neighs D) moos

Read the poem given below and answer the questions 13 to 15.

I think I shall never see
 A poem lovely as a tree.
 A tree whose hungry mouth is prest
 Against the earth's sweet flowing breast;
 A tree that looks at God all day,
 And lifts her leafy arms to pray;
 A tree that may in summer wear
 A nest of robins in her hair;
 upon whose bosom snow has lain;
 who intimately lives with rain.
 Poems are made by fools like me,
 But only God can make a tree

- 13 Who is the speaker of the poem?
 A) trees B) birds C) The poet D) Earth
- 14 The word which means *chest*
 A) lovely B) robin C) Bosom D) lain
- 15 Who Prays to God all day with leafy arms?
 A) The poet B) The rain C) The snow D) The tree

PAPER - II

Part - B Basic Science

(Question Numbers 16 to 35)

16. Tow which features the conductivity of on object is related to?
a) Mass b) Materila c) Size d) Density
17. Porperly arrange the factors related to hybridization
a) Artificial pollination b) To grow things which are contributory
c) To select plants whihc are in same species d) Produce seeds
18. What happens while lugalation, the main process in water purification?
a) increases oxygen level in water b) Make water bacteria free
c) Filtering of water d) Setting the solid particles in water
19. When a liquid is tested PH paper it shows alkaline charecter, then PH?
20. In which section the fertiliser made by a a farmer using fruit and furidan?
a) To control chemical pest b) To control organic pest
c) To control automatic pest d) To control chemical of Automatic pest
21. In the ecosystem, due to the decrease in number of which living being there is excess increase in the number of frogs?
a) Gross hopper b) Snake c) Mosquito d) Rat
22. Whihc of the following statement is true whith reference to Artery?
a) Blood which has less quantity of oxygen.
b) Blood which has more quantity of carbon dioxide
c) Carries blood from heart various parts of body
d) Carries blood from differnt parts of body to heart
23. When a solid substance is heated what will happen to the mobility of the molecules?
a) Decrease motion b) Increase motion
c) Maintain existing status d) None of these
24. Lense in human eye
a) Concave b) Convex c) bi-concave d) Cilindircal
25. The colour which reflects all colours can be seen in which colour?
a) Yellow b) Blue c) Black d) White
26. Whihc phenomenon of light is used in optical fibres?
a) Transmission b) Total internal reflection
c) Straight line reflection d) Multiple reflection
27. What charge has to be carried out in the temperature of milk during posteurization?
a) Cooling down from 1000c b) Cooling down from 7000c
c) Cooling down from 5000c d) Cooling down from 00c

28. Which juice is a relief for a person suffering from acidity?
 a) Lime juice b) Butter milk
 c) Water melon juice d) Orange juice
29. Who invented the phenomenon that when electricity is passed through a conductor magnetic field is formed?
 a) Juice b) Forade c) Christian Earstead d) Einstein
30. Which element is mostly contained in NPR mixture
 a) Nitrogen b) Phosphorous c) Potassium d) Calcium
31. From the following angular measurement in which measurement if both plane mirrors are kept, maximum reflection can be formed?
 a) 45° b) 60° c) 30° d) 90°

32. Match the following

A - Lens	E - Forms Shadow
B - Opaque Material	F - Can See face
C - Mirror	G - Microscope

33. When acid reacts with certain elements burning gas and non exhaust gas are produced?
 a) Burning gas - Acid + Zinc
 Exhaust gas - Acid + mg
 b) Burning gas - Acid + Marble
 Exhaust gas - Acid = Egg
 c) Burning gas - Acid + Mg
 Exhaust gas - Acid + Marble
 d) Burning gas - Acid + Baking soda
 Exhaust gas - Acid + Aluminium
34. Find the proper flow chart of the digestive system of human being?
 a) Reception of food - Digestion - Absorption - Assimilation - Excretion
 b) Reception of food - Assimilation - Absorption - Digestion - Assimilation - Excretion
 c) Reception of food - Assimilation - Digestion - Absorption - Excretion
 d) Reception of food - Absorption - Assimilation - Digestion - Excretion
35. Wrong statement related to the health of kidney
 a) Abundant consumption of water b) Consume leafy vegetables
 c) Consume fatty food d) Consume fruits in abundance

PAPER - II

Part - C Social Science

(Question Numbers 36 to 55)

Answer any 15 questions out of the 20 given questions.

36. Match the list II and select the correct response from the options given-there after:

List I

- a) Erasmas -
- b) Dante -
- c) John Kay -
- d) James Watt -

List II

- 1) Flying Shuttle
- 2) In praise of folly
- 3) Steam engine
- 4) Divine Comedy

- | | | | | | |
|---|---|------|------|------|-----|
| A | - | a-3, | b-1, | c-2, | d-4 |
| B | - | a-1 | b-2 | c-3 | d-4 |
| C | - | a-2 | b-4 | c-1 | d-3 |
| D | - | a-4 | b-3 | c-1 | d-2 |

37. Find out the incorrect pair among the following:

- A Panditha Rama Bhai - Theosophical Society
- B Sir Syed Ahamad Khan - Aligarch movement
- C Jyothirao Phule - Sathya Shodak Samaj
- D Dayananda Saraswathi - Suddi Prasthanam

38. Beneficial to the Unemployment in urban areas

- A National Rural Livelihood Mission
- B Swarnajayanthi Shahari Rozgar Yojana.
- C Mahatma Gandhi Employment Guarantee Program
- D Andhyodaya Anna Yojana

39. If the scale of a map is 1cm to 10km, what is the distance between two places on map which are actually 40km apart?

- A 2cm
- B 8cm
- C 6cm
- D 4cm

40. Identify the common feature of Mesopotamian, Egypt and Chinese Civilization:

- A Preparation of Calendar
- B Use of Iron tools
- C Hieroglyphics script
- D Decimal System

41. Indian state is bisected by the tropic of cancer:

- A Maharashtra
- B Tripura
- C Meghalaya
- D Manipur

42. Examine certain hints related to a social reformer of Kerala:
- 1) He wrote the book 'Pracheena Malayalam'
 - 2) He opposed the Brahminic domination.
 - 3) His Samadhi was at Panmana in Kollam District. Who is this personality?
- A Vaikunda Swamikal B. Sree Narayana Guru
 C Chattampi Swamikal D Ayyankali
43. Arrange the historical incidents in chronological order
- 1) Partism of Bengal
 - 2) Vaikom Satyagraha
 - 3) Formation of Indian National Congress
 - 4) Malabar Rebellion.
- A 4, 1, 2, 3
 B 3, 2, 1, 4
 C 2, 3 1, 4
 D 3, 1, 4, 2.
44. Which constitutional Amendment included ideas of Socialism and Secularism in the preamble of Indian Constitution?
- A 44th Amendment
 B 42nd Amendment
 C 83rd Amendment
 D 74th Amendment
45. Which of the following is not a neighboring Nation of India?
- A Neppal B Myanmar C Afghanistan
 D Mangolia
46. The river flows to the Bay of Bengal:
- A Narmada B Tapti C Godavari
 D Sindhu
47. Who was the English traveller visited India during the Mughal Period?
- A Ralph Fitch B Ibn Battutah
 C Nicolo Conti D Al-Biruni
48. Which of the following is not a temple Art of Kerala?
- A Kadhakali B Theyyam
 C Koodiyattam D Koothu
49. Which country hosts Olymbic Games 2020?
- A Russia B France C. Jappan
 D U.S.A
50. Examine certain hints related to the Planet?
1. Orbit period 12 years
 2. More than 60 Satellites
 3. One of the brightest objects visible to the naked eye.
- Identify the Planet :**
- A Mercury B Mars C. Venus D. Jupiter

51. Who is the Indian born American economist won the Nobel prize in economics 2019.

- A Kailas Sathyarthi B Abhijith Banerjee
C Amartya Sen D Oliver Hart.

52. Identify the feature of the Republic :

- A A State with a Parliamentary form of Government
B State with separate Government at the central and the State.
C State ruled by a king
D Head of the State is elected.

53. Find out the wrong pair:

- A Europe - Italy
B Africa - Somalia
C Asia - Egypt
D North America- Mexico

54. Who led the Revolt of 1857 at Lucknow?

- A Kanvar Singh B Nanasahib
C Beegum Hazrat Mahal
D Moulavi Ahmadulla

55. Which day is celebrated World Human Right Day?

- A December 10 B December 1
C October 24 D September 16