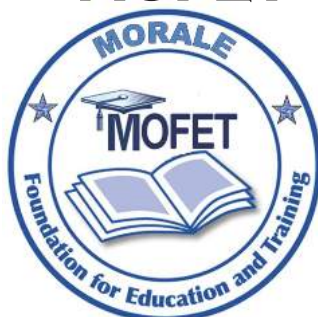


THE UNITED REPUBLIC OF TANZANIA
PRESIDENT'S OFFICE
REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT
MORALE FOUNDATION FOR EDUCATION AND TRAINING
MOFET



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PPF House 6th Floor Dsm

STANDARD SEVEN PRE-NECTA EXAMINATIONS
SOCIAL STUDIES [03E]

Time: 1:30 Hours

Date: 17 Aug 2018

INSTRUCTIONS

1. This paper consists of forty five (45) questions with sections A and B.
2. Answer all the questions in all sections.
3. Read all the given instructions in the special answer sheet **(OMR)**
4. Fill all the required information in the **OMR** form and the page with question number 41 - 45 in the question paper.
5. Write your Examination Number and then shade the digits of the number in the respective place in your answer sheet **(OMR)**.
6. Shade the letter of the correct answer for each question in the answer sheet provided **(OMR)** for questions number 1 - 40. For example, if the correct answer is A shade as follows:

[A]	[B]	[C]	[D]	[E]
----------------	-----	-----	-----	-----
7. If you have to change your answer, you must-rub out the shading very neatly before shading the new one. Use a clean rubber.
8. Use **HB** pencil only for questions 1 - 40, and a blue or black ink ball pointed pen for question number 41 - 45.
9. Cellular phones are not allowed in the examination room.

This paper consists of 5 printed pages

SECTION A: MULTIPLE CHOICE

Choose a letter of the correct answer and shade its letter in the OMR form provided

PART I: CIVICS

1. Which country among the following is a new member of the East African Community?
(a) Zambia (b) Rwanda (c) Burundi (d) South Sudan (e) Ethiopia
2. The head of the Commonwealth countries is _____
(a) The King of Wales (b) The Queen of England (c) The Prime Minister of Britain
(d) The King of Swaziland (e) The Secretary General of UN
3. Who is the leader of government legal issues in the United Republic of Tanzania?
(a) Attorney General (b) Prime Minister (c) Principal Judge
(d) Chief Justice (e) The Judge of High Court
4. _____ is the head of pupils' government at school.
(a) The head teacher (b) The head prefect
(c) The school committee chairman (d) The pupils themselves
(e) Minister of Education and Vocational Training
5. One of the roles of the national symbols is to _____
(a) remind the citizens about their development
(b) remind pupils in school to study hard
(c) decorate government offices only
(d) allow people to participate in decision making
(e) identify the nations' history culture, values and goals
6. What is being represented by the picture of a man and a woman in the national emblem?
(a) Gender equality and rights (b) Freedom and peace (c) Disunity and instability
(d) Unity and stability (e) Unity and Gender equality
7. According to the constitution of United Republic of Tanzania, a President can lead for a period not more than _____
(a) 5 years (b) two terms (c) three terms (d) 8 years (e) five terms
8. The following criteria must be possessed by a person who aspire to become a Speaker of the National Assembly in Tanzania **EXCEPT** _____
(a) must be a citizen of Tanzania (b) must come from a registered political party
(c) must be mentally sound (d) must be a member of parliament
(e) must be elected by members of parliament
9. Competitive democracy, free market economy and the development of information and communication technology are indicators of _____
(a) entrepreneurship (b) good governance (c) globalization
(d) colonialism (e) rule of law
10. Which one among the following United Nations Organizations deals with culture and traditions?
(A) IMF (b) LINEP (c) UNICTAD (d) UNESCO (e) UN HABITAI

11. The Regional Police Commander (RPC) is appointed by _____
(a) president (b) Prime Minister (c) Region Commissioner
(d) Commander in Chief of armed forces (e) Inspector General of Police
12. The authority responsible for revenue collection in Tanzania is _____
(a) EWURA (b) T.R.A (c) T.R.C (d) REX (e) TAX

PART II: HISTORY

13. The first president of the Zanzibar Revolutionary Government was called _____
(a) Mohamed Shamte (b) Sheikh Aman Abeid karume (c) Sheikh Abeid Aman Karunne
(d) Julius Kambarage Nyerere (e) Aboud Jumbe
14. Which treaty ended the slave trade and slavery in East Africa in 1873?
(a) Moresby treaty (b) Heligoland Treaty (c) Hemerton Treaty
(d) Frere Treaty (e) Mango Treaty
15. Mozambique become independent on 1st June, 1978 under President _____
(a) Robert Mugabe (b) Kwame Nkurumah (c) Samora Machel
(d) J. K. Nyerere (e) King Mswatti
16. The Tanzania and Uganda war was fought in _____
(a) 1976 - 1977 (b) 1980 - 1981 (c) 1977 - 1978
(d) 1978 - 1979 (e) 1997 - 1998
17. The United Republic of Tanzania was born on _____
(a) 26th April, 1964 (b) 09th December, 1961 (c) 9th December, 1962
(d) 12th January, 1964 (e) 12th April, 1964
18. The first Portuguese to reach the Cape of Good Hope in 1488 was called _____
(a) Vasco da Garma (b) Bartholomew Diaz (c) Julius Von Soden
(d) William Macknon (e) Karl Peters
19. The stone age era is divided into _____ parts.
(a) Three (b) Two (c) Four (d) Five (e) One
20. Which one of the following are among the ways in which traditional education was acquired before colonial invasion in Africa?
(a) Government law (b) wars (c) Initiation ceremony and circumcision
(d) Reading books (e) Kindergarten school
21. Defense in Maasai society is the role of _____
(a) Laibon (b) Moran (c) Layoni (d) Mtoni (e) Kabaka
22. Dr. Lois Leakey discovered the skull of the earliest man in _____
(a) 1969 (b) 1961 (c) 1954 (d) 1964 (e) 1959
23. The first European to enter Tanganyika came from _____
(a) Oman (b) Britain (c) Germany (d) Portugal (e) France
24. The remains of Zinjanthropus were discovered at _____
(a) Kondoa Irangi (b) Kalenga (c) Olduvai Gorge (d) Isimila (e) Engaruka
25. During the long distance trade in the 19th Century, Southern trade route was dominated by _____
(a) Kamba (b) Nyamwezi and Kamba (c) Nyamwezi
(d) Yao (e) Makonde

26. Like Hehe and Nyamwezi in Tanzania, Nama and Herero make part of the History of _____
 (a) Namibia (b) Botswana (c) Zimbabwe (d) Zambia (e) Malawi
- PART III: GEOGRAPHY**
27. A deep inlet of the sea almost surrounded by land with a narrow mouth is called _____
 (a) lake (b) gulf (c) island (d) ocean channel (e) cape
28. _____ are natural vegetation which are found along the coast of East Africa.
 (a) Coconut trees (b) Mangrove (c) Cashew nut (d) Miombo (e) Teak
29. A line on a map connecting points having the same temperature at a given time is called _____
 (a) isobars (b) isohyets (c) isotherm (d) contour (e) isoneph
30. An instrument used to measure atmospheric pressure is known as _____
 (a) Barometer (b) Rain gauge (c) Anemometer
 (d) Thermometer (e) Hygrometer
31. The main effects of the industries in the environment are _____
 (a) Air pollution, water pollution and soil pollution (b) Disposal of sewage and smoke
 (c) Air pollution only (d) Smoke only (e) Produce fresh air
32. Which lake **surrounds** Ukerewe Island?
 (a) Lake Nyasa (b) Lake Tanganyika (c) Lake Turkana
 (d) Lake Rukwa (e) Lake Victoria
33. Arctic circle has _____ degrees.
 (a) $22\frac{1}{2}^{\circ}$ S (b) $66\frac{1}{2}^{\circ}$ N (c) 180 (d) 90 S (e) 47 N
34. High and low tides are the results of _____
 (a) Moon revolving the Sun (b) Gravitation force between the Earth and the Moon
 (c) Solar eclipse (d) Lunar eclipse (e) Revolution
35. The major **cash crops** exported by Tanzania are _____
 (a) Rubber, coffee and sisal (b) Sunflower (c) Cotton, pyrethrum and sisal
 (d) Coffee, cotton and cashew nut (e) Coffee, sisal and cloves
36. Which group shows the planets?
 (a) Mercury, Moon and Venus (b) Earth, Saturn and Pluto (c) Mercury, Saturn and Mars
 (d) Venus, Earth and Asteroids (e) Uranus, Sun and Moon
37. TPC Moshi, Kagera, Mtibwa and Kilombero are _____ industries.
 (a) Cement (b) Sugar (c) Cigarette (d) Iron sheet (e) Coffee
38. The time in Accra Ghana is 12:45 pm. What will be the time in Dar es Salaam Tanzania?
 (a) 3:45 pm (b) 3:45 am (c) 9:45 pm (d) 9:45 am (e) 3:00 pm
39. Which of the following pair consists of renewable energy sources?
 (a) petroleum and gas (b) petroleum and solar energy (c) solar energy and wind energy
 (d) coal and geothermal power (e) coal and charcoal power
40. The main economic activity in East Africa is _____
 (a) mining (b) trade (c) agriculture (d) fishing (e) lumbering

MORALE FOUNDATION FOR EDUCATION AND TRAINING

SOCIAL STUDIES

REGION: _____DISTRICT: _____

SCHOOL: _____

CANDIDATE NUMBER: _____

SECTION B:

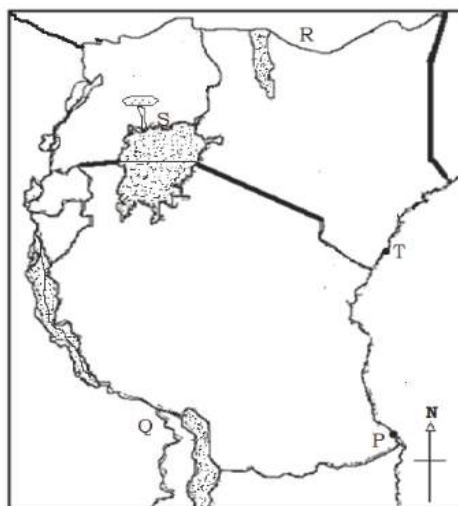
In question number 41-45 write your short answers or calculations in the space provided

41. Mr. Ole has injured his wife with a knife just because she delayed cooking him the evening meal. Before the court of law what type of case is Mr. Ole going to face?

42. What is the name of the Germany leader who signed false treaty with chief Mangungu of Msovero? _____

43. In which year did Tanganyika become a republic? _____

Carefully study the map below and then answer the questions 44



44. Mention the name of the country indicated by letter R _____

45. Makete is 4000 metres above the sea level and its temperature is 6° C. What will be the temperature of Tanga?

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STANDARD SEVEN PRE-NECTA EXAMINATIONS
ENGLISH LANGUAGE [02]

Time: 1:30 Hours

Date: 17 Aug 2018

INSTRUCTIONS

1. This paper consists of forty five (45) questions with sections A, B, C and D.
2. Answer all the questions in all sections.
3. Read all the given instructions in the special answer sheet **(OMR)**
4. Fill all the required information in the **OMR** form and the page with question number 41 - 45 in the question paper.
5. Write your Examination Number and then shade the digits of the number in the respective place in your answer sheet **(OMR)**.
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[A]	[B]	[C]	[D]	[E]
----------------	-----	-----	-----	-----
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8. Use **HB** pencil only for questions 1 - 40, and a blue or black ink ball pointed pen for question number 41 - 45.
9. Cellular phones are not allowed in the examination room.

This paper consists of 5 printed pages

SECTION A: GRAMMAR

Choose the correct answer and shade its letter on the answer sheet provided.

1. The students of the University of Dodoma ___ so badly that everyone is angry with them.
(a) Are behaved (b) behaved (c) behaving (d) hehave (e) have behave
2. She ___ the floor early in the morning last Sunday
(a) Sweep (b) sweeps (c) swept (d) sweeping (e) Is sweeping
3. Moses usually ___ in the Marathon races.
(a) runs (b) run (c) is running (d) was running (e) were running
4. She was ___ when I telephone Yusra.
(a) cooks (b) cooking (c) cooked (d) had cooked (e) cook
5. They were hungry. They had not _____ for five days
(a) eaten (b) ate (c) eat (d) had eaten (e) eating
6. When I arrived, Rama had ___ for two hours.
(a) waiting (b) waited (c) be waiting (d) been waiting (e) been waited
7. They ___ day and night to finish building the village dispensary.
(a) works (b) work (c) have work (d) working (e) was working
8. Good children ___ violating school rules.
(a) hating (b) were hated (c) are hated (d) hate (e) hates
9. "You have just ___ my leg". Said the injured football player.
(a) broke (b) break (c) breaking (d) been broke (e) broken
10. Every morning Jovin and Abbasi ___ their books in bags.
(a) carrying (b) carry (c) were carry (d) have carried (e) carries
11. A day on Mars is slightly **longer** than a day on Earth. The underlined word represents _____ part of speech.
(a) Comparative adjective (b) Superlative adjective (c) Short adjective
(d) Long adjective (e) None of the above
12. Husna sang ___ song at the choir festival.
(a) an (b) a (c) some (d) any (e) the
13. We will cook the food ___ you allow us.
(a) if (b) then (c) so (d) despite (e) although
14. The pen on the desk belongs to me, so it is _____.
(a) Hers (b) his (c) theirs (d) mine (e) my
15. The hurricane that _____ the whole country started from here
(a) Destroys (b) destroyed (c) destroying (d) will destroy
(e) have destroyed
16. Mr. Abu - Bakr drives his car _____.
(a) more dangerous (b) dangerous (c) dangerously (d) amicable
(e) most dangerous
17. Please give the child _____ milk immediately.
(a) Any (b) an (c) a (d) many (e) Some
18. Josephat found his book _____ the floor.
(a) Above (b) over (c) on (d) under (e) beside
19. If you lose your life you won't have it any more _____.
(a) Will you? (b) Won't you (c) you will? (d) You won't
(e) Shall you?

20. Messi had _____ of time to prepare for the 2018 world cup tournament.
 (a) Plenty (b) enough (c) much (d) little (e) many
21. "Amina is not listening in class," he said. In a reported speech the sentence will be:
 He said that,
 (a) You were not listening in class (b) Amina is not listening in class
 (c) you are not listening in class Amina. (d) Amina was not listening in class
 (e) they were not listening in class
22. They were all quick, but he was the ____ of all.
 (a) Quickest (b) quicker (c) most quick (d) quickly (e) quicken
23. The pupils saw a _____ of baboons in Mikumi national park.
 (a) herd (b) school (c) bunch (d) group (e) parliament
24. Which sentences is **not** grammatically correct?
 (a) Julie can swim (b) can I come with you? (c) may I came with you?
 (d) That story can be true - who knows! (e) Can I help you?
25. He managed to build a new house ____ her weakness.
 (a) despite (b) in spite (c) although (d) because of (e) despite of
26. The policemen chased the thieves ____ they could not arrest them.
 (a) Even (b) although (c) because (d) when (e) also
27. The teacher went _____ the classroom where the pupils were fighting.
 (a) by (b) in (c) into (d) at (e) onto
28. Someone from Mongolia is a Mongolia where as _____ is someone from Botswana.
 (a) Botswanan (b) Botswanian (c) Motswana (d) Batswana (e) Twana
29. She is looking down upon other students because she is rich. The underlined phrase means ____
 (a) praising (b) helping (c) loving (d) obeying (e) despising
30. Several other cars were stolen _____ Mr. Kapungu's.
 (a) beside (b) besides (c) aside (d) inside (e) apart

SECTION B: VOCABULARY

Choose the correct answer and shade its letter on the OMR form provided.

31. A _____ is a rescuer who supervises the safety and rescue of swimmers, surfers, and other water sports participants such as in a swimming pools, water parks, beaches or rivers
 (a) watergurd (b) lifeguard (c) diver (d) beach boy (e) bodyguard
32. Genuine products are those that are _____
 (a) Shiny (b) original (c) nice (d) perishable (e) fancy
33. _____ is something which is round and fat.
 (a) pump (b) plump (c) lump (d) hunk (e) junk
34. Sympathy and kindness shown to others can be termed as _____
 (a) donation (b) missionary (c) charity (d) assistance (e) help
35. It was such a _____ story that everyone enjoyed listening to.
 (a) provoking (b) thrilling (c) enjoyable (d) exhaustible (e) tiresome
36. Iramba is a district in Singida Region. Singida is a municipal town, Dodoma is a _____
 (a) Council (b) City (c) Village (d) Division (e) Nation

SECTION C: COMPOSITION

Re-arrange the sentences in order to get a meaningful story by giving them letters A, B, C and D

37. Now you are old enough to discover the answers to questions.
38. When you were very little, you expected a grown-up to answer all your questions.
39. You can do the research to learn about machines, animals, sports, natural resources, historical events, in fact, almost everything.
40. Adults could explain to you why birds could fly, but you couldn't find out for yourself.

SECTION D: COMPREHENSION:

Read the following passage carefully, then answer questions 41 - 45 in the spaces provided.

In our region, each year the month of May marks the end of the long rains. It is the best month for the farmers, because in that period they are filled with hope for good harvest. On those warm sunny days, the beauty of green leaves and colourful flowers make the people's hearts full of joy and hope. Women sing happy songs; children do the same, and you would think that leaves in the trees understand this joyful moment!

The grown up children and the young ones whom they look after, seem to run about and wander aimlessly, as though they had some sort of madness, but it's all happiness.

They run and play; but they are taught to be careful enough not to harm the flowers.

Sometimes a tender voice of a lonely baby would be heard rising above the piece of field, and the voice of the mother, distant, yet sounding full of life and energy would rise warning the bigger children to take care of the baby.

In the evening the fathers and sons would return home, bringing in the cattle and goats: women bringing in what would be the evening's meal. The children usually talk, but the man of the house would sit under a family tree, thinking. If it's not dark, he would call a neighbouring elder and have something to say about the village.

MORALE FOUNDATION FOR EDUCATION AND TRAINING

ENGLISH

REGION: _____ DISTRICT: _____

SCHOOL: _____

CANDIDATE NUMBER: _____

SECTION B:

In question number 41-45 write your short answers or calculations in the space provided

41. Who are made happy by the ending of the long rains? _____

42. From the passage, who was responsible for the evening meal? _____

43. Why was the baby crying? Because it was _____
44. From the story we can conclude that most of the farm work was done by _____

45. According to the passage, which month of the year marks the end of the rainy season?

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STANDARD SEVEN PRE-NECTA EXAMINATIONS
SCIENCE [05E]

Time: 1:30 Hours

Date: 16 Aug 2018

INSTRUCTIONS

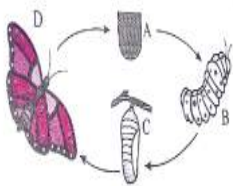
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SECTION A: MULTIPLE CHOICE

1. When water freezes its volume ____
(a) decreases (b) increases (c) disappears (d) is destroyed (e) perishes
2. ____ is the blood vessel that carries blood away from the kidney
(a) urethra (b) ureter (c) renal vein (d) renal artery (e) lung artery
3. Water in plants is transported from one cell to another by a process called ____
(a) Osmosis (b) fibres (c) solution (d) conduction (e) radiation
4. Which of the following is the effect of mis - using cosmetics?
(a) Smooth skin (b) skin problems (c) albinism (d) cervical cancer (e) smartness
5. Janet immersed a stone in a jug full of water. The amount of water displaced was 50 cubic centimetres. Which of the following statements is true about the action?
(a) The water that remained in the jug was less than the displaced water
(b) The stone has a larger volume than the jug
(c) The volume of displaced water was less than that of the stone
(d) The volume of the stone was 50 cm³
(e) The volume of water that remained was equal to the volume of the stone
6. ____ is a non - metallic element.
(a) Aluminium (b) Iron (c) Sulphur (d) Sodium (e) Copper
7. One of the following insects undergoes a complete metamorphosis:
(a) Grasshopper (b) Cockroach (c) Housefly (d) Locust (e) Bedbug
8. Why is it that light is seen before thunder of the lightning although both occur at the same time?
(a) sound waves do not travel in the air
(b) light and sound travel in opposite directions
(c) the speed of light is greater than that of sound
(d) optical nerves are quicker than auditory nerves
(e) light has larger waves than sound
9. The importance of protein foods in the body is ____
(a) To defend the body (b) to provide energy to the body
(c) to enhance the ability to think (d) to provide heat to the body
(e) to build the body
10. Carefully study the following diagram below, then answer the question.
Which growth stage of the insect is destructive to plants?



- (a) B (b) A and B (c) B and C
(d) C (e) C and D
11. The following are bones of the head **except** ____
(a) occipital (b) teeth (c) zygomatic (d) mandible (e) femur
 12. How does the heart and lungs work together?
(a) the lungs supply oxygen to the blood that the heart pumps throughout the body
(b) the heart and the lungs work together to digest food.
(c) the movement of the lungs helps the heart to pump blood.
(d) the lungs push oxygen into cells that make food for heart.
(e) the lungs provided carbondioxide to the blood.

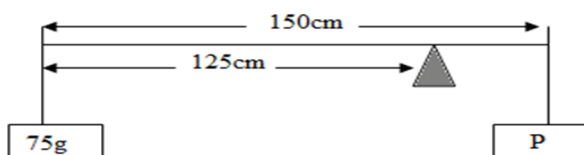
13. _____ is an instrument that is used to measure moisture.
 (a) Thermometer (b) Anemometer (c) Barometer (d) Rain gauge (e) Hygrometer
14. If Katana and Richard pushed a car using 90kg force at a distance of 10 metres. How many joules were used for that work?
 (a) 90J (b) 92J (c) 900J (d) 100J (e) 9000J
15. If the word "MPINI" is written in front of a flat plane mirror, the word on the mirror will read as follows:

A: MPINI
 D: WYIM

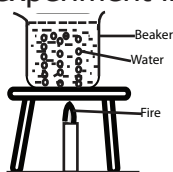
B: INIM
 E: WYIM

C: MPINI

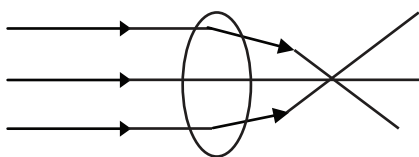
16. Find the value of letter P in the diagram below



- (a) 200 g (b) 350g (c) 375g (d) 400g (e) 560g
17. HIV/AIDS can be transmitted through the following ways **EXCEPT** _____
 (a) Blood (b) semen (c) saliva (d) shaking hands
 (e) use of un-boiled syringe
18. The tube which carries urine from the kidney to the bladder is called _____
 (a) Urine pipe (b) urinating tube (c) urethra (d) ureter (e) vena cava
19. The method of separating mixture in the solution by evaporation and then cooling the vapour is known as ____
 (a) Decantation (b) evaporation (c) osmosis
 (d) solidification (e) distillation
20. Among the following animals _____ has no back bone.
 (a) snake (b) fish (c) snail (d) crocodile (e) elephant
21. I cut my finger and blood started coming out gently, it is most probably that I have cut
 (a) a capillary (b) an artery (c) a vein (d) a capillary or vein (e) an aorta
22. Albinism occurs when the skin lacks the gene that gives the skin its colour. This pigment gene is called ____
 (a) Melanin (b) Omnion (c) Gene (d) Chromosome (e) Nucleus
23. The experiment in the figure below shows that heat in water travels by _____



- (a) Circulation (b) convection
 (c) radiation (d) conduction
 (e) spreading
24. Insects, animals and plants normally grow well during _____ seasons.
 (a) summer (b) windy (c) rainy (d) winter (e) hot nights
25. Examine the following diagram, then identify the type of the lens.



- (a) concave (b) plane (c) convex
 (d) flat mirror (e) contact

26. If the angle made by the incident ray on the plane mirror is 60° , what will be the value of the angle of reflection.
 (a) 90° (b) 40° (c) 30° (d) 60° (e) 45°
27. Change 104° Fahrenheit into degrees centigrade
 (a) 20° (b) 35° (c) 72° (d) 55° (e) 40°
28. A chemical change occurs when:
 (a) Water changes into ice (b) Water changes into steam (c) Light falls into a mirror
 (d) A new substance is formed (e) None of the above
29. The essential requirements during seed germination are _____
 (a) water, oxygen and soil (b) water, carbon dioxide and soil
 (c) wind, fertilizer, moisture and water (d) air, moisture, temperature and soil
 (e) moisture, oxygen and warmth
30. Sound is a product of _____
 (a) waves (b) songs (c) vibrations (d) bursts (e) drums
31. **ACID + Y = SALT + WATER** The chemical represented by the letter Y is ____
 (a) Oxygen (b) carbon (c) sulphur dioxide (d) sodium metal
 (e) sodium hydroxide
32. The major advantage of family planning to a family is _____
 (a) providing education to children (b) increasing the number of children
 (c) building nice and big houses for the family (d) avoiding problems
 (e) being able to provide all important services to the family
33. We use carbon dioxide to extinguish all types of fire because
 (a) proposed fire extinguishers have that gas (b) it has the ability to cut off oxygen supply
 (c) it is produced by animal and plants (d) it is easily obtainable whenever needed
 (e) it is cheap
34. What will happen if the leaves of the maize plant are cut?
 (a) the plant will grow well (b) the plant will die (c) the roots of the plant will not grow
 (d) the plant will not reproduce (e) its leaves will change colour
35. What items are necessary for the provision of **first aid** to the person whose bone has been broken but with no injury sustained?
 (a) pair of scissors, bandage, sticks, strings and needle
 (b) towel, soap, stretcher, cotton and spirit
 (c) towel, water, oil, sticks and soap
 (d) blanket, chair, soap, rope and pair of scissors
 (e) blanket, bandage, sticks, a pair of scissors and rope
36. The following gas supports combustion. Which one?
 (a) hydrogen (b) nitrogen (c) ozone (d) natural gas (e) oxygen
37. The electric current in the circuit is 2 amperes. If the potential difference is 4 volts, the resistance in that circuit is _____
 (a) 3.5 ohms (b) 2 ohms (c) 4 ohms (d) 5 ohms (e) 0.5 ohms
38. The right way of avoiding the transmission of HIV/AIDS is _____
 (a) abstaining from drinking alcohol (b) to avoid reckless and irresponsible sex
 (c) to participate in religious conferences (d) to distribute drugs to HIV/AIDS victims
 (e) to announce in public the names of HIV/AIDS victims
39. The magnetic field is an area _____
 (a) within the magnet (b) where magnetic force is found
 (c) showing the North and South pole of the magnet
 (d) where the magnetic force transfer from North to South
40. Which of the following is the symbol for chlorine atom?
 (a) K (b) P (c) Na (d) Cl (e) H

MORALE FOUNDATION FOR EDUCATION AND TRAINING

SCIENCE

REGION: _____ DISTRICT: _____

SCHOOL: _____

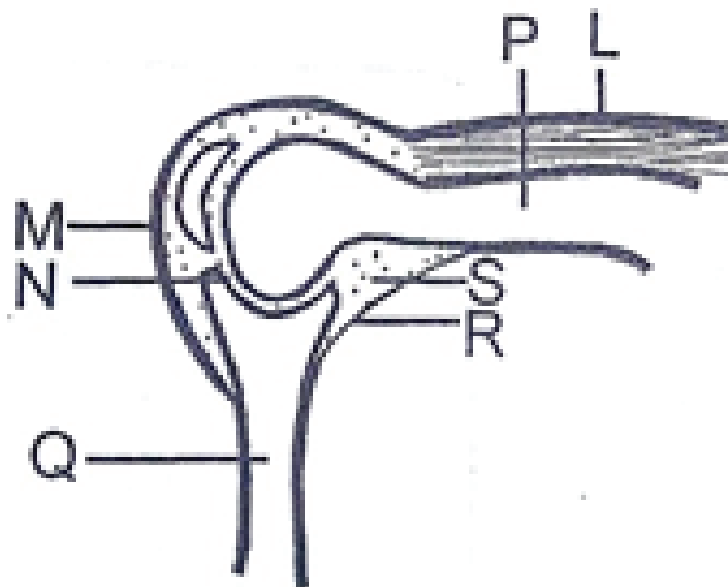
CANDIDATE NUMBER: _____

SECTION B:

In question number 41-45 write your short answers or calculations in the space provided

41. Another name for voluntary muscles is _____
42. The action of fainting in human being is due to the deficiency of blood in the _____
43. A system of five pulleys has raised the load by 10 cm. The effort used has moved a distance of 50 cm. Find the efficiency of the system. _____

The diagram below shows the human knee. Use it to answer questions 44-45.



44. The tissue marked **L** is _____
45. Name the part labelled **S** _____

THE UNITED REPUBLIC OF TANZANIA
PRESIDENT'S OFFICE
REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT
MORALE FOUNDATION FOR EDUCATION AND TRAINING
MOFET



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STANDARD SEVEN PRE-NECTA EXAMINATIONS
MATHEMATICS [04E]

Time: 2 Hours

Date: 16 Aug 2018

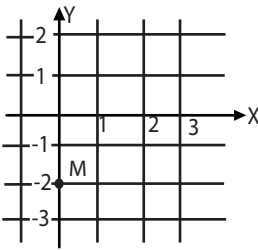
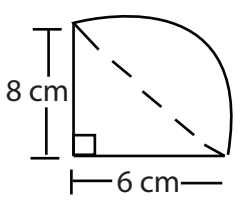
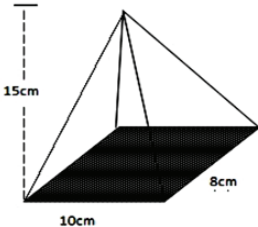
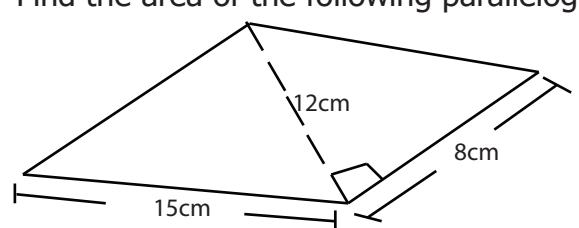
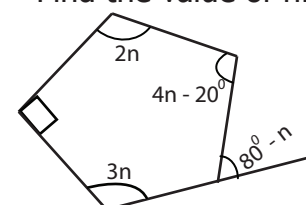
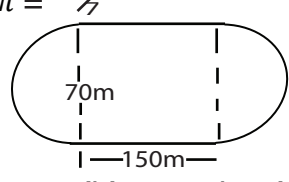
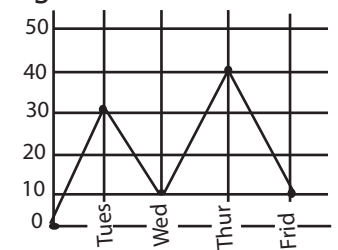
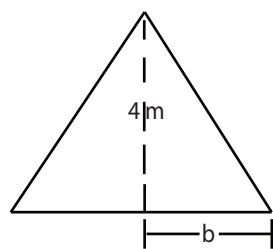
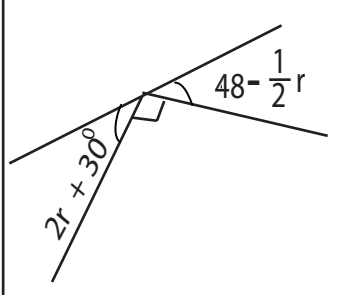
INSTRUCTIONS

1. This paper consists of forty five (45) questions with sections A and B.
2. Answer all the questions in all sections.
3. Read all the given instructions in the special answer sheet **(OMR)**
4. Fill all the required information in the **OMR** form and the page with question number 41 - 45 in the question paper.
5. Write your Examination Number and then shade the digits of the number in the respective place in your answer sheet **(OMR)**.
6. Shade the letter of the correct answer for each question in the answer sheet provided **(OMR)** for questions number 1 - 40. For example, if the correct answer is A shade as follows:

[A]	[B]	[C]	[D]	[E]
----------------	-----	-----	-----	-----
7. If you have to change your answer, you must-rub out the shading very neatly before shading the new one. Use a clean rubber.
8. Use **HB** pencil only for questions 1 - 40
9. Show all the calculations in answering questions 41 - 45 and write your answers using a blue or black pen.
10. Cellular phones are not allowed in the examination room.

This paper consists of 5 printed pages

NO	QUESTION	NO	QUESTION
1.	2153 - 987 = (a) 116 (b) 1166 (c) 1066 (d) 106 (e) 16 []	12.	Convert $13\frac{1}{4}\%$ into decimal. (a) 13.25 (b) 0.1325 (c) 0.135 (d) 1.325 (e) 132.5 []
2.	7344 X 39 = (a) 276416 (b) 268416 (c) 286416 (d) 277416 (e) 286415 []	13.	Write 1790 as roman numbers (a) MDCCXC (b) MCMXC (c) MDCCCXC (d) MDCC (e) MCMXC []
3.	$12\frac{2}{3} + 7\frac{1}{2} =$ (a) $2\frac{1}{6}$ (b) $19\frac{1}{6}$ (c) $20\frac{1}{6}$ (d) $21\frac{1}{6}$ (e) $2\frac{7}{6}$ []	14.	Find the square root of 2116. (a) 56 (b) 46 (c) 66 (d) 116 (e) 36 []
4.	$5\frac{3}{7} - 2\frac{4}{5} =$ (a) $22\frac{22}{35}$ (b) $3\frac{22}{35}$ (c) $2\frac{2}{35}$ (d) $2\frac{22}{35}$ (e) $4\frac{22}{35}$ []	15.	Find the Highest Common Factor (HCF) of 8, 16 and 40. (a) 4 (b) 16 (c) 40 (d) 80 (e) 8 []
5.	$4\frac{1}{8} \times 3\frac{1}{3} =$ (a) $12\frac{3}{4}$ (b) $13\frac{3}{4}$ (c) $4\frac{1}{4}$ (d) $2\frac{1}{4}$ (e) $5\frac{1}{4}$ []	16.	Write all prime numbers which are found between 60 and 72. (a) 61,67, 71 (b) 61, 63,67, 71 (c) 61, 71 [] (d) 61, 63, 65, 67, 69, 71 (e) 63, ,69, 71
6.	$8\frac{1}{4} \div 1\frac{1}{3} =$ (a) $6\frac{13}{16}$ (b) $5\frac{3}{16}$ (c) $16\frac{3}{16}$ (d) $6\frac{3}{16}$ (e) $1\frac{1}{2}$ []	17.	If 13:m = 39:51. Find the value of m (a) 39 (b) 13 (c) 17 (d) 51 (e) 27
7.	8.023 + 25.0345 = (a) 33.0575 (b) 33.575 (c) 33.0578 (d) 3.375 (e) 3.3075 []	18.	If w = -3, y = 2 z = 4. Find the value of $\frac{w^2y - wy}{wyz}$ (a) +1 (b) -1 (c) 2 (d) -2 (e) -3 []
8.	0.103 ÷ 10.3 = (a) 0.01 (b) 1 (c) 10 (d) 0.1 (e) 100 []	19.	Find the value of x; $\frac{x - 4}{4} = \frac{x + 3}{3}$ (a) 24 (b) -12 (c) 12 (d) -24 (e) 48 []
9.	(-96) - (+74) = (a) 170 (b) 107 (c) -170 (d) 17 (e) -22 []	20.	Simplify; $\frac{m^2 - m}{2m - 2m^2}$ (a) $-\frac{1}{2}$ (b) 1 (c) -1 (d) t (e) $\frac{1}{2}$
10.	Write the next number in the following series -12, -3, 9, 24 _____ (a) 35 (b) 42 (c) 39 (d) 30 (e) 41[]	21.	Multiply 7m 30cm by 5. Write your answer in centimetres (a) 3,635cm (b) 3,530cm (c) 3,630cm (d) 3,550cm (e) 3,650cm[]
11.	Change $18\frac{3}{4}\%$ into simple fraction. (a) $\frac{3}{16}$ (b) $\frac{13}{16}$ (c) $18\frac{3}{4}$ (d) $\frac{3}{4}$ (e) $1\frac{3}{4}$ []		

NO	QUESTION	NO	QUESTION
22.	Determine the square of 153 (a) 23409 (b) 24309 (c) 22309 (d) 23410 (e) 25309 []	28.	Write the coordinates of point M  (a) (-2,0) (b) (-2,1) (c) (0,-2) (d) (-2,-2) (e) (-2,-1) []
23.	Find the perimeter of the following figure; Take $\pi = \frac{22}{7}$ (write your answer into one decimal place)  (a) 24cm (b) 15.7cm (c) 29.7cm (d) 25.7cm (e) 15cm []	29.	Find the volume of the figure below.  (a) 400cm ³ (b) 1200cm ³ (c) 80cm ³ (d) 600cm ³ (e) 40cm ³ []
24.	Find the area of the following parallelogram  (a) 120cm ² (b) 96cm ² (c) 180cm ² (d) 48cm ² (e) 90cm ² []	30.	Find the value of n.  (a) 37° (b) 90° (c) 43° (d) 63° (e) 74° []
25.	An athlete runs around the pitch below 20 times. How many kilometres did he cover? Take $\pi = \frac{22}{7}$  (a) 104km (b) 10400km (c) 1.04km (d) 3.14km (e) 10.4km []	31.	The following graph shows the amount of rainfall that rained at Maringa Primary school from Tuesday to Friday. Find the average of that rainfall.  (a) 20.5mm (b) 20mm (c) 22.5mm (d) 30mm (e) 40mm []
26.	The area of the triangle below is 10m ² .  Find the value of b (a) 2.5cm (b) 2.5m (c) 5m (d) 4m (e) 5m []	32.	The distance from Morogoro to Gairo is 128km. A car left from Morogoro to Gairo at 9:00am a speed of 48km/h. 30 minutes a van left Gairo to Morogoro at a speed of 56km/h. at what time did the two vehicles cross each other. (a) 10:00 am (b) 10:00 pm (c) 10:30 am (d) 9:30 am (e) 3:30 pm []
27.	Find the value of r in the figure below.  (a) 8° (b) 48° (c) 96° (d) 30° (e) 46°	33.	The books for mathematics, Geography and Science in a school are in a ratio 5:7:8. There proposal to increase these books by 40%, 50% and 75% respectively. What will be the ratio increased books? (a) 10:15 (b) 2:3:4 (c) 4:5:7:5 (d) 7:10:5:14 (e) 5:7:8 []

MORALE FOUNDATION FOR EDUCATION AND TRAINING

MATHEMATICS

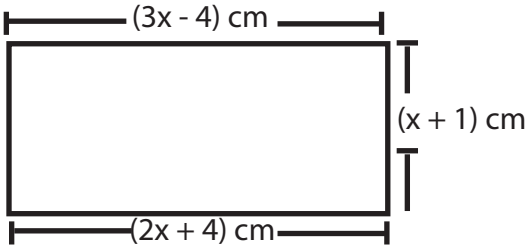
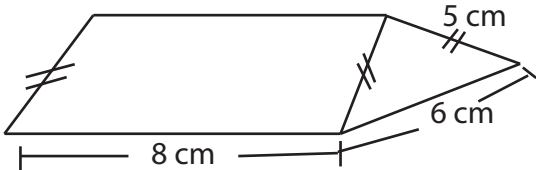
REGION: _____ DISTRICT: _____

SCHOOL: _____

CANDIDATE NUMBER: _____

SECTION B:

In question number 41-45 write your short answers or calculations in the space provided

NO	QUESTION	WORK	ANSWER
41.	Change 72km/hour into m/s		
42.	Find the area of the following rectangle 		
43.	Find the surface area of the triangular prism below. 		
44.	Rebecca got a profit of sh. 15000. She distributed the money among her children in the ratio of 3:1:2 respectively. How much money did the first get?		
45.	The distance between Iringa and Mbeya is 520 km. Cheche left Iringa at 7:30 am heading to Mbeya at an average speed of 70 km/hr at the same time Aziz left Mbeya heading to Iringa at an average speed of 60 km/hr. How far was there meeting place from Iringa and from Mbeya.		

JAMHURI YA MUUNGANO WA TANZANIA
OFISI YA RAIS
TAWALA ZA MIKOA NA SERIKALI ZA MITAA
MORALE FOUNDATION FOR EDUCATION AND TRAINING
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PPF House 6th Floor Dsm

MTIHANI WA UTAMILIFU KWA DARASA LA SABA
KISWAHILI [01]

MUDA: SAA 1:30

Tarehe: 16 Aug 2018

MAELEZO

1. Karatasi hii ina sehemu A na B zenye maswali arobaini na tano (45).
2. Jibu maswali yote katika kila sehemu.
3. Soma maelekezo yote yaliyoko katika karatasi maalum ya kujibia (OMR).
4. Jaza taarifa zote katika fomu ya OMR na ukurasa wenye swali la 41 hadi 45 katika karatasi ya maswali
5. Weka Kivuli katika kila tarakimu ya namba yako ya mtihani kwenye nafasi husika katika fomu ya OMR
6. Weka kivuli kwenye herufi ya jibu lililo sahihi kwa swali 1 -40. Kwa mfano jibu ni A weka kivuli kama ifuatavyo

[A]	[B]	[C]	[D]	[E]
-----	-----	-----	-----	-----

 40. Kwa mfano kama jibu ni A weka kivuli kama ifuatavyo
7. Ukigundua kuwa herufi uliyowekea kivuli si jibu sahihi futa kivuli hicho kwa umakini kwa kutumia kifutio safi kabla ya kuweka kivuli katika herufi mpya.
8. Tumia penseli ya HB tu katika kujibu swali la 1 hadi 40; na kalamu ya bluu au nyeusi kwa swali la 41 hadi 45
9. Simu za mkononi, vikokotozi na vitu visivyoruhusiwa havitakiwi ndani ya chumba mtihani.

Mtihani huu una kurasa 5

SEHEMU A SARUFI

Kwa swali namba 1 - 20 chagua herufi ya jibu sahihi katika karatasi yako ya kujibia.

1. Kati ya maneno yafuatayo neno lipi ni nomino dhahania?
(a) unakuja (b) umeenea (c) uelewa (d) ulisoma (e) utalima
2. Mshindi alipokelewa kwa shangwe na furaha. Hii ni kauli ipi?
(a) Kutenda (b) Kutendea (c) Kutendwa (d) Kutendana (e) Kutendewa
3. Maisha ya mjini ni ya wasiwasi. Kisawe cha neno lililopigiwa mstari ni ____
(a) Kituo (b) Yamkini (c) Taharuki (d) Simile (e) Upweke
4. Jambazi lahukumiwa kifungo cha maisha jela. Neno **lahukumiwa** lipo katika hali gani ya kitenzi?
(a) Inayodhihirika (b) Isiyodhihirika (c) Kuendelea (d) Timilifu (e) Uliyopita
5. Ng'ombe, mdudu, simba, mtu na nyati ni nomino. Je maneno hayo yapo katika ngeli gani?
(a) KI - VI (b) A - WA (c) U - ZI (d) KAPA (e) U - I
6. Nomino inayotokana na neno barizi ni ____
(a) barizika (b) bakora (c) baraza (d) barikiza (e) bariki
7. Sehemu inayotumika kuotesha miche ili kupata mbegu ya miche ya kupanda shambani huitwa
(a) kijariba (b) Juta (c) Kitalu (d) Shamba (e) Bustani
8. Mwimbaji _____ vizuri angalipata zawadi.
(a) angeimba (b) angeliimba (c) angaliimba (d) wangeimba (e) tungeimba
9. Tulikata _____ baada ya kutoridhika na maamuzi ya mahakama.
(a) dhamana (b) faini (c) shairi (d) rufaa (e) mlowezi
10. Ninyi si watu wa kuambiwa jambo. Sentensi hii ipo katika nafsi ipi?
(a) ya pili wingi (b) ya kwanza umoja (c) ya tatu umoja (d) ya pili umoja
(e) ya kwanza wingi
11. Aliingia ____ na kupiga hodi. Neno linakamilisha sentensi hii ni
(a) pasi na (b) pasipo (c) Bila ya (d) pasi (e) pasikuwa
12. Neno "changamka" lina konsonanti ngapi?
(a) sita (b) tatu (c) nne (d) tisa (e) tano
13. Kisawe cha neno kiduko ni ____
(a) kiziwi (b) kiputu (c) zimwi (d) mzuzi (e) katiti
14. Banati ni ____
(a) msichana (b) mwanamke (c) Ajuza (d) Kikongwe
(e) mrembo sana
15. Ukiambiwa Alamsiki utajibu ____
(a) kwako pia (b) binuru (c) mawio (d) macheo (e) nzuri

16. Katika neno "Tunasoma" kiambishi cha wakati ni _____
 (a) - Tu - (b) - na - (c) - ma - (d) - so - (e) - nas -
17. Msimamizi wa uchaguzi alipigisha kura, sentensi hii iko katika kauli gani?
 (a) kutendewa (b) kutenda (c) kutendewa (d) kutendea (e) kutendesha
18. Neno lipi haliusiani na mengine _____
 (a) Bangi (b) Marijuana (c) Sigara (d) Ugoro (e) Kaniki
19. Aliyekuwa mgonjwa amefariki. Hii ni sentensi gani?
 (a) changamani (b) shurutia (c) Tata (d) Tegemezi (e) Sahili
20. Mwanafunzi amejificha kichakani. Mzizi katika kitenzi amejificha ni _____
 (a) Jificha (b) - fich- (c) ameji- (d) - ificha (e) -fich

SEHEMU B: LUGHA ZA KIFASIHI

21. Aliendesha kilimo kwa nguvu zote. Ni nahau ipi inayoendana na maelezo haya.
 (a) kufa na kupona (b) kupatana sanjari (c) kuchezea shere (d) kutia moyo
 (e) kupaka mafuta kwa mgongo wa chupa
22. Askari wangu wote wameshika virungu nini maana ya kitendawili hiki?
 (a) katani (b) njiti za kiberiti (c) vidole (d) kucha (e) mfupa
23. Nahau ipi yenye maana sawa na nahau "kula yamini"
 (a) Kula kona (b) kula kiapo (c) kupiga mbizi (d) kula rushwa
 (e) kupiga chenga
24. Malizia methali ifuatayo "vita si _____"
 (a) mchezo (b) lele mama (c) ya kuchezea (d) madoido (e) siasa
25. "Nina saa yangu tangu nilipoitia ufunguo haijawahi kusimama " Jibu sahihi la kitendawili hiki ni lipi?
 (a) Dunia (b) Mwezi (c) Moyo (d) Jua (e) Sayari
26. Ni nahau ipi yenye maana sawa na usingizi wa pono?
 (a) lala fofofo (b) lala usingizi (c) lala zaidi
 (d) usingizi wa mag'amung'amu (e) lepe la usingizi
27. Methali ipi ina mana sawa na Hamadi kibindoni ?
 (a) mgagaa na upwa hali wali mavu (b) haraka haraka haina baraka
 (c) fimbo ya mbali haiuwi nyoka (d) heri moja shika kuliko kumi nenda uje
 (e) jembe halimtupi mkulima
28. Methali ipi ni kinyume cha Haraka haraka haina baraka?
 (a) pole pole ndio mwendo (b) mwenda pole hajikwai
 (c) asiyesikia la mkuu huvunjika guu (d) mbio za sakafuni huishia ukingoni
 (e) ngoja ngoja huumiza matumbo
29. Tegua kitendawili kifuatacho "Napanda mti na kichaa wangu"
 (a) Ngoma (b) Macho (c) Kivuli (d) Mwangwi (e) Moto
30. Nahau isemayo "kula mwata" ina maana ipi?
 (a) kupata taabu (b) kupata raha (c) kupata faida (d) kupendeza (e) kuogopa

SEHEMU C: USHAIRI

Soma shairi lifuatalo na ujibu maswali kwa kutumia A, B, C na D.

1. Nimechoka sumbuliwa, kwa mihogo vikapuni,
Nami kazi naijua, shime nakwenda porini,
Jembe panga nanao, nitajaliwa mwituni,
Natia jembe mpini, Nirudie kazi yangu.
2. Mapema kutanabahi, hamna kitu tumboni,
Sipati stafutahi, ili nifike shambani,
Nawaambia kwa asili, mazao jaa pomoni,
Natia jembe mpini, nirudie kazi yangu.

MASWALI.

31. Katika lugha ya kishairi, mstari wa shairi huitwa _____
(a) kituo (b) mshororo (c) wimbo (d) vina (e) mizani
32. Neno **stafutahi** kama ilivyotumika katika ubeti wa pili wa shairi lina maana gani?
(a) kuheshimu (b) kustaafu (c) Dharau (d) kusitisha kazi (e) kifungua kinywa
33. Vina vya mwisho katika shairi hili ni _____
(a) ni (b) wa (c) we (d) hi (e) li
34. "Pomoni" kama ilivyotumika katika shairi hili lina maana ya _____
(a) kukamilika (b) kupungua (c) kutosha (d) kujaa mpaka juu (e) kupelea
35. Mwandishi wa shairi hili anarejea katika kazi yake ya _____
(a) porini (b) kilimo (c) uhunzi (d) kikoni (e) Biashara
36. Mstari wa nne katika shairi hili huitwaje?
(a) kina (b) Beti (c) mkarara (d) mstari (e) mshororo

SEHEMU D : UTUNGAJI

Panga sentensi zifuatazo kwa kutumia A, B, C, na D

37. Maisha na uhai ni hidaya kutoka kwa Mungu
38. Utamaduni ni maisha na uhai wa jamii na huleta ushirikiano.
39. Utamaduni hubainika kwa kuangalia vipengele kama mila na desturi, lugha, chakula, sanaa burudani, itikadi na mavazi.
40. Tena utamaduni ni kioo cha jamii kwa sababu unaonesha picha ya jamii nzima katika nyanja mbalimbali

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KISWAHILI

MKOA: _____ WILAYA: _____

SHULE: _____

NAMBA YA MTAHINIWA: _____

SEHEMU B:

Katika swali la 41-45 andika jibu kwa kifupi kwenye nafasi uliyopewa

Soma habari hii kwa umakini kisha ujibu maswali

Wakati elimu haijakua watu hawakujua kuhusu dunia yetu. Waliokuwepo waliamini kuwa dunia ni tambarare kama meza, wakiamini kuwa mtu anaweza kutembea hadi akafika mwisho wa dunia na kuanguka kwenye shimo kubwa. Wengine waliamini kuwa kama ungeendelea kwenda mwishowe ungegusa mbingu. Baadae wataalamu wa anga walithibitisha kuwa dunia ina umbo la duara kama tufe.

MASWALI

Jibu maswali haya kwa umakini.

41. Zamani watu waliamini kuwa dunia ni tambarare kama _____

42. Wataalamu wa mambo ya anga walithibitisha kuwa dunia ina _____

43. Watu wengi waliamini kuwa mtu angeendelea kwenda mwishowe angegusa? _____

44. Wengine waliamini kuwa mtu anaweza kutembea hadi akafika mwisho wa Dunia na kuanguka kwenye _____

45. Kichwa cha habari hi kingefaa kiwe _____
