



AYELECH DEGEFU MEMORIAL GENERAL SECONDARY AND HIGHER EDUCATION PREPARATORY
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**In 2012 E.C 2nd sem. Physics work sheet-2 for grade-7
from unit-6 (Temperature & Heat)**

I. Choose the best answer among the given alternatives (41 Questions)

- 1. Which of the following is the SI-unit for temperature?
A. Celsius B. Fahrenheit C. Kelvin D. All of the above
- 2. The temperature of a cup of cold water is 10°C . When heated, its temperature increases to 80°C . What is the temperature change of this water in Fahrenheit scale?
A. 343°F B. 70°F C. 22.2°F D. 126°F
- 3. Which of the following is not true about heating a nail? When a nail is heated
A. Its length change C. its specific heat capacity does not change
B. Its mass changes D. its density does not change
- 4. The temperature of a body in Kelvin scale is 313K . What is the corresponding temperature in Fahrenheit scale? A. 114°F B. 104°F C. 40°F D. 102°F
- 5. If we put our fingers in liquid alcohol and immediately expose our fingers to the air, our fingers feel cold. Which of the following reasons explains this effect in a best way? The alcohol
A. Freezes immediately when exposed to air.
B. vaporizes immediately when exposed to air
C. Boils immediately when exposed to air.
D. Evaporates immediately when exposed to air.
- 6. Which of the following temperature scales is commonly used in scientific work?
A. Celsius scale B. Fahrenheit scale C. Kelvin scale D. Rankin scale
- 7. The temperature a body changes from 10°C to 20°C . What is the change in the Fahrenheit scale for this body? A. 10°F B. 20°F C. 30°F D. 18°F
- 8. Which of the following is correct about evaporation and boiling?
A. Boiling has cooling effect. C. Boiling is affected by wind
B. Evaporation happens at any temperature. D. Evaporation happens throughout the liquid body
- 9. The temperature of a body is 149°F . What is the temperature in Celsius scale?
A. 65°C B. 750°C C. 50°C B. 90°C
- 10. Two different samples have the same mass and temperature. Equal quantities of energy are Absorbed as heat by each. Their final temperature became different. Which of the following is the most probable reason? Because the samples have different
A. Thermal conductivities. C. heat capacities.
B. Densities. D. coefficients of expansion.
- 11. Which of the following is correct? Heat is given off by a material
A. Being boiled. C. being condensed.
B. being evaporated. D. being boiled, evaporated, and condensed.
- 12. What are fluids? A. They are gasses C. They are liquids or gasses
B. They are liquids D. They are non – metallic substances
- 13. The temperature of a body is 0°F . What is the equivalent temperature in Celsius scale?
A. -17.8°C B. 23°C C. 17.8°C D. -32°C
- 14. What is the heat capacity of an object?
A. heat energy that raises its temperature by 1°C
B. It is the amount of heat energy that changes its state without changing its temperature.
C. It is the amount of heat energy per kilogram that raises its temperature by 1°C .



D. It is the ratio of its specific heat to that of water.

----- 15. The temperature of a body is 122°F . What is the equivalent temperature in Celsius scale?

- A. 30°C B. 40°C C. 50°C D. 71.6°C

----- 16. Heat is given off by a material being -----.

- A. Boiled B. Condensed C. Evaporated D. None

----- 17. In which of the following will the temperature remains constant?

- A. Boiling and evaporation C. Boiling and Freezing
B. Condensation and evaporation D. Boiling, condensation, and evaporation

----- 18. Nitrogen boils at -196°C . What is the Fahrenheit equivalent of this temperature?

- A. -228°F B. -295°F C. -77°F D. -320.8°F

----- 19. An iron bar is heated from 10°C to 100°C . Which of the following is correct about this bar?
Its volume:

- A. Increases and its density decrease C. increases and its density increases.
B. Is unchanged and its density increases. D. increases and its density is unchanged

----- 20. Steam at 100°C is more harmful than the same mass of water at 100°C , when touched by hand
This is because:-

- A. The water is less dense C. The steam transfers more heat to our hand
B. The steam is less dense D. The water absorbs more heat from our hand.

----- 21. If someone exclaimed, "Oh! I feel hot", then he is talking about:

- A. Temperature B. Capacitance C. Climate D. Heat

----- 22. Every one of us probably observed that when we rub out two hands against each other they get warm. What type of energy conversion takes place?

- A. Chemical energy is changed to heat C. Mechanical energy is changed to heat energy
B. Radiation energy is changed to heat energy. D. Electrical energy is changed to heat energy

----- 23. What is temperature of a body in Fahrenheit scale if its temperature in Kelvin scale is 303K ?

- A. 86°F B. 30°F C. 77°F D. 20°F

----- 24. Which of the following is true about temperature and heat?

- A. Temperature and heat are the same physical quantities.
B. Both temperature and heat are forms of energy.
C. Heat is transferred from hot substance to cold substance.
D. Both temperature and heat are measured by thermometer.

----- 25. A grade eight student measured the temperature of water in a beaker to be 59°F .
What is the temperature of this water in Kelvin scale?

- A. -273°K B. 288°K C. 258°K D. 293°K

-----26. What is the normal person temperature scale?

- A. 37°C B. 98.6°F C. 310K D. All

-----27. Most of the time the liquid found in a thermometer is;

- A. Water B. Oil C. Mercury D. Blood

-----28. At what temperature is water changed gases (vapors)?

- A. 100°C B. 212°F C. 373K D. All

-----29. Which of the following temperature scales has a lower fixed point called absolute zero?

- A. Kelvin scale B. Celsius scale C. Rankin scale D. Fahrenheit scale

-----30. In which of the following days is evaporation at "LAKE TANA" is slowest?

- A. on a sunny day & windy day C. on day with still air & rainy
B. on day with still air & sunny D. on a rainy day & windy day



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- 31. The temperature scale whose ice point is assigned as 273 & the boiling point as 373 is called-----
 A. Rankin B. Fahrenheit C. Celsius D. Kelvin
- 32. Which of the following is not included in the effect of heating when a given body is being heated?
 A. rise in temperature of the body C. the body may increase in mass
 B. the body may be expanding D. The state of the body may change
- 33. Which of the following is not included in the mechanisms of heat transfer from one body to others?
 A. Condensation B. Radiation C. Conduction D. Convection
- 34. The amount of heat necessary to change the temperature of 1kg of a substance by 1°C is called-----
 A. Heat energy B. Heat capacity C. Heat of fusion D. Specific heat capacity

II. Additional Questions (Show All Necessary Steps Clearly)

35. At what temperature scale Celsius & Fahrenheit scales are coincide (equal) reading?
 36. At what temperature Fahrenheit scale reads half of the Celsius scale?

Unit-7 sound

I. Choose the best answer among the given alternatives (19 Questions)

- 1. On which of the following does the pitch of a sound depend?
 A. on the speed of sound C. on the direction of motion of sound
 B. on the wave length of sound D. on the frequency of sound
- 2. In which the following will sound transmit fast?
 A. copper wire B. water C. Vacuum D. Oxygen
- 3. Which of the following frequencies represent the frequency of sound wave that can be heard by a normal human ear?
 A. 0.4Hz B. 4Hz C. 400,000Hz D. 400Hz
- 4. We hear the sound of a thunder storm few seconds after we saw its lighting.
 Which of the following is the accepted reason for this phenomenon?
 A. light travels faster in comparison on the sound C. sound cannot travel in vacuum
 B. sound travels in comparison to the light D. light cannot travel in vacuum
- 5. Sound cannot travel in: A. Alcohol B. Vacuum C. Stone D. Hydrogen
- 6. The number of complete vibrations made by an object in one second is called-----
 A. Frequency B. Amplitude C. Period D. Wave length
- 7. In which the following does sound wave travel faster?
 A. Wood B. water C. Vacuum D. Air
- 8. An object in a vibratory motion makes 20 complete oscillations in 10 seconds.
 What is its period? A. 0.5 sec B. 10 sec C. 0.55 sec D. 1sec
- 9. In which the following does sound wave not travel from one point to the other?
 A. Stone B. water C. Vacuum D. Air
- 10. An object in a vibratory motion makes 40 complete oscillations in 20 seconds.
 What is its frequency? A. 0.5 Hz B. 10 Hz C. 0.55 Hz D. 2Hz
- 11. In which the following will sound wave travel slowest?
 A. Wood B. water C. Vacuum D. Air
- 12. A fire whistle emits a tone of 100Hz. What is the period of the sound wave from this whistle? A. 0.1 sec B. 10 sec C. 0.01 sec D. 1sec

- 13. The speed of sound in air is 332m/s. An echo is heard from a mountain 664m away. What is the time elapsed between the production of the sound & the hearing of the echo? A. 4sec B. 6sec C. 2sec D. 1sec
- 14. The speed of sound at a given temperature is 332m/s. If an echo is heard 6 second later from a mountain, what is the distance between the mountain & the observer? A. 969m B. 696m C. 996m D. 699m
- 15. Sound from a single source is sent into vacuum, air, water & a long steel rod. In which of these does the sound wave travels a long distance? In the
A. steel rod B. vacuum C. air D. water
- 16. A person hears the echo of his sound just after from a hill. If the speed at that place is 340m/s, what is the distance from the person to the hill?
A. 1020m B. 680m C. 510m D. 340m
- 17. In a laboratory, the speed of sound in materials M1, M2 & M3 are measured to be 5040m/s, 340m/s & 1540m/s respectively. Which the following is true about these materials. Materials M1, M2 & M3 should be:
A. Solid, liquid & gas respectively C. gas, liquid & Solid respectively
B. Solid, gas & liquid respectively D. liquid, gas & Solid respectively
- 18. In a stethoscope (a device used to observe the patient's heart bits, etc), which the following properties of sound is mainly applied? The property of
A. transmission of sound C. refraction of sound
B. direction of sound D. reflection of sound (echo)
- 19. Which the following is true about the speed of sound in different materials? The speed of sound is:
A. smaller in solids than in gasses C. greater in vacuum than in gasses
B. greater in solids than in gasses D. smaller in liquids than in vacuum

unit- 5

Electricity & magnetism

I. Choose the best answer among the given alternatives (40Questions)

- ___1. The figure below shows the magnetic lines of forces between two bar magnets. Which of the following is correct about the poles of the magnets indicated by A and B?



- A. A is North Pole & B is South Pole C. Both A & B are North pole
B. A is South A pole & B is North pole D. Both A & B are South pole
- ___2. Both poles of a magnet attracted a metal bar. Which of the following is correct about the metal bar? It is
A. a magnetic substance B. a magnet C. a non-magnetic substance D. made of copper

- ___ 3. Which of the following repels each other because of their charges?
A. Electron & neutron B. Electron & nucleus C. proton & neutron D. proton & nucleus
- ___ 4. Which of the following is not the main purpose of an electroscope?
A. To know the sign of a charged body
B. To Know whether a body is a conductor or an insulator
C. To Know whether a body is a charged or not
D. To charge a body either positive or negative
- ___ 5. If a current of 1mA passes through a conductor for 10 sec, what is the no. of coulombs of charge which has passed through it? A. 10^{-2} B. 1 C. 10 D. 10^{-3}
- ___ 6. When the length of a wire is halved, what will happen to its resistance? It becomes
A. doubled B. one half C. one forth D. four times
- ___ 7. A long bar is broken in to four pieces as shown below. If “1” represents South Pole, what are the respective polarities of the poles marked by 2, 3 & 4?
- A. N, N & N Fig.

B. N, N & S

C. S, N & N

D. S, S & S

1
- 2

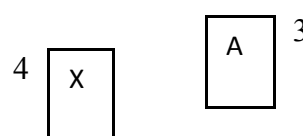
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4
- 8. An unknown piece of metal is attracted by both north & South poles of a magnet. Which of the following is true about this piece of metal? It is;
A. a copper metal B. a positive charged body C. a magnet D. a magnetic substance
- 9. Which of the following repel each other because of their charges?
A. proton & nucleus B. electron & neutron C. proton & electron D. electron & nucleus
- ___ 10. Which of the following is correct about electric charges?
A. Positive charged body has deficiency of protons
B. Neutral atom consists of equal no of electron & proton
C. Negatively charged body has excess proton
D. By rubbing we can create charges
- ___ 11. A glass rod is rubbed with silk. Which of the following is correct?
A. glass rod becomes negatively charged C. silk becomes negatively charged
B. glass rod loss proton D. silk losses electron
- ___ 12. Which of the following is correct about a neutral atom? It has
A. Equal no. of e- & P+ C. more no. of e- than p+
B. Equal no. of e- & N D. more no. of p+ than e-
- ___ 13. A steady current of 100mA is passing in a circuit. What amount of charge passes a given point in the wire in the circuit in 50 sec?
A. 50C B. 500C C. 5000C D. 5C
- ___ 14. Which of the following is correct about magnets?
A. Magnetic force is strong at the middle part of a magnet
B. Magnetic force is strong at the poles of a magnet
C. Magnets can attract materials like copper & gold

- D. Magnets can attract all charged materials
- ___ 15. When do we say a body is charged positively? When it;
A. Losses p^+ B. Gains e^- C. losses e^- D. Gains p^+
- ___ 16. Which of the following is/are correct?
I. Insulators are those materials that allow electric charges to pass through them
II. A neutral atom has equal no. of p^+ & e^-
III. There are two types of charges
A. II and III B. I and II C. I and III D. I, II and III
- ___ 17. How long will 4800C of charges take to cross a point in a conductor at a constant rate of 5A?
A. 960 minutes B. 16 minutes C. 4/15 minutes D. 96 minutes
- ___ 18. Which of the following is the correct order of names of the electrical symbols represented by the no. 1, 2, 3 & 4 in the fig below?
- 1

2

3

4
- 
- A. Battery, switch, diode & ammeter
B. Switch, ammeter, bulb & battery
C. Battery, capacitor, diode & bulb
D. Battery, switch, ammeter & bulb
- ___ 19. A magnet suspended by a rope always becomes at rest pointing in the north- south directions. What is the reason behind this fact? It is because
A. magnet is made up of metal C. earth's magnetic effect
B. gravitational of the earth D. upward force of the rope is great
- ___ 20. Which of the following action is helpful to make an uncharged object have a positive charge?
A. Remove some p^+ from it C. Remove some e^- from it
B. Add some p^+ to it D. Add some e^- from it
- ___ 21. An insulator is a material;
A. containing no e^- C. has more e^- than p^+ on its surface
B. Electrons do not flow easily D. That cannot be a pure chemical element
- ___ 22. The leaves of a positively charged electroscope diverge more when an object is brought near the knob of the electroscope. When must the object be?
A. A conductor B. An insulator C. positively charged D. negatively charge
- ___ 23. Which of the following takes place in electric bells?
A. Magnetic effect of electric current is turned into sound
B. electric current of magnetic field is turned into sound
C. Sound effect of electric current is turned into magnetic field
D. Sound effect of magnetic field is turned into electric current
- ___ 24. Which of the following possible action is happening when a hard rubber rod is given a negative charge by rubbing it with wool?
A. Positive charges are transferred from rod to wool
B. Negative charges are transferred from rod to wool
C. Positive charges are transferred from wool to rod
D. Negative charges are transferred from wool to rod
- ___ 25. Which of the following is the correct SI unit of current?
A. Kilowatt hour B. Coulomb/sec C. Coulomb D. Volt/sec
- ___ 26. Which of the following statements is correct?
A. Rubber rod is an insulator & glass rod is a conductor
B. Rubber rod is a conductor & glass rod is an insulator
C. Both glass rod & rubber rod are insulators



- D. Both glass rod & rubber rod are conductors
- ___27. In a light bulb in our houses, w/c of the ff effects of electric current occurs mainly?
- Less lighting effect & more heating effect
 - Less heating effect & more lighting effect
 - Equal amount of heating & lighting effects
 - No lighting & heating effects
- ___28. Which of the following is correct about magnetic line of force?
- They originate from the north pole
 - They terminate the north pole
 - They never cross each other
 - The line of force are closer at a place where the magnetic force is strong
- ___29. Which of the following pairs attracts each other?
- Proton and electron
 - Proton and nucleus
 - Electron and neutron
 - Electron and another electron
- ___30. When we bring a material in contact with the knob of a charged electroscope, the divergence of the leaf decreases. Which of the following is correct about the material & electroscope?
- The material is charged +vely & the electroscope is charged -vely
 - The material is charged -vely & the electroscope is charged +vely
 - Either both are charged -vely or +vely
 - A or B
- ___31. What is the name given to the unit A.S(ampere second)?
- Newton
 - Coulomb
 - Volt
 - Ohm
- ___32. A device which changes electrical energy in to mechanical energy is called _____
- Electric motor
 - Generator
 - dynamo
 - transformer
- ___33. Which of the following is correct about magnetic lines of force?
- They are imaginary lines
 - They may cross each other
 - Magnetic field is weak where the lines of force are close together
 - Magnetic field is strong where the lines of force are far apart
- ___34. Which of the following is correct about the constituents of an atom?
- Electron is positively charged
 - Proton is negatively charged
 - Nucleus is positively charged
 - Neutron is negatively charged
- ___35. When a material is in touch with a cap of a positively charged electroscope, the leaves collapsed immediately. Which of the following is correct about this material?
- Insulator
 - Conductor
 - Negatively charged body
 - positively charged body
- ___36. The instrument used to measure directly the p.d b/n two points in a circuit is called ____
- Anemometer
 - Voltmeter
 - Electrometer
 - Ammeter
- ___37. Which of the following is correct about an electromagnet & a bar magnet?
- They have completely d/t magnetic field line patterns
 - Magnetism of a bar magnet is permanent while electromagnet is temporary
 - Bar magnets have N & S poles but electromagnets have not
 - Polarities of bar magnets can be changed while electromagnets cannot
- 38. Which of the following is correct about primary & secondary cells?
- car batteries are primary cells, but dry cells are secondary cells
 - dry cells are primary cells, but car batteries are secondary cells
 - both dry cells & car batteries are primary cells
 - both dry cells & car batteries are secondary cells
- 39. Which of the following is true about the law of magnetism? It states that:

- A. unlike charges attracts each other & like charges repels each other
- B. unlike poles repels each other & like poles attracts each other
- C. like poles repels each other & unlike poles attracts each other
- D. like charges attracts each other & unlike charges repels each other

---40. A plastic comb rubbed on hair is capable of attracting pieces of paper. What is the reason for this? The comb is:

- A. charged during rubbing the hair
- B. magnetized during rubbing the hair
- C. neutralized during rubbing the hair
- D. discharged during rubbing the hair

<< Theory without practice is lame;
Practice without theory is blind;
Theory & practice are successful & capable >>
Albert Einstein

unit-6 Light

I. Choose the best answer among the given alternatives (21 Questions)

- 1. Which of the following is not correct?
- A. Luminous materials are those which produce their own light
 - B. Transparent materials are those which reflect light falling on them
 - C. Translucent materials are those which allow light falling on them to pass through them partially
 - D. Opaque materials are those which do not allow light falling on them to pass through them
- 2. The angle between an incident ray & its reflected ray is 140^0 . What is the angle of reflection?
- A. 35^0
 - B. 140^0
 - C. 40^0
 - D. 70^0
- 3. How many images of an object will be formed when it is placed between two mirrors inclined at 45^0 between them?
- A. 7
 - B. 6
 - C. 5
 - D. 3
- 4. What we call the property of light in which it bends as it passes from one medium to the other?
- A. Reflection
 - B. Refraction
 - C. Diffraction
 - D. Dispersion
- 5. An image is placed between a convex lens & its focal point. Which of the following is not correct about the image formed? The image is:
- A. behind the object
 - B. Virtual
 - C. inverted
 - D. larger in size than the object
- 6. Materials which reflect light falling on them partially are called:
- A. Transparent
 - B. Translucent
 - C. Opaque
 - D. Compact
- 7. An object placed b/n 2 mirrors is found to have 4 images. What is the inclination b/n the two mirrors?
- A. 45^0
 - B. 72^0
 - C. 90^0
 - D. 100^0
- 8. The speed of light in water is $\frac{3}{4}$ of the speed of light in air. Which of the following is correct about the optical properties of water & air?
- A. Air is optically denser than water
 - B. Light bends towards the normal if it is incident from air to water
 - C. water is optically denser than air
 - D. Light bends away from the normal as it is incident from air to water
- 9. An object placed in front of the convex lens. If the object is placed in b/n f & 2f, which of the following is not true about the image? It is

- A. a distance greater than $2f$ & formed behind the lens
B. larger than the object
C. a real image
D. erect
- 10. Which of the following is correct about an image produced by a plane mirror?
A. Real, inverted & larger than the object
B. Virtual, upright & the same size as the object
C. Real, upright & the same size as the object
D. Virtual, inverted & smaller than the object
- 11. A real object is located in front of a convex lens at a distance greater than the focal length of the lens but less than its radius of curvature. Which of the following is correct about the nature & size of an image? The image is:
A. real & larger in size than the object
B. real & smaller in size than the object
C. virtual & larger in size than the object
D. virtual & the same size as the object
- 12. In relation to light, colored glass is classified as a type of ----- material.
A. Transparent
B. Translucent
C. Opaque
D. Transplant
- 13. The index of refraction of a certain glass is 2.5. What is the ratio of the speed of light in the glass to the speed of light in air?
A. 0.9
B. 2.5
C. 1
D. 0.4
- 14. A pencil 10cm in height is placed 10cm in front of a convex lens of focal length 5cm. Which of the following correctly describes the image formed by this lens? The image is:
A. 10cm in front of the lens, 20cm in height & real
B. 10cm in front of the lens, 10cm in height & real
C. 10cm behind the lens, 5cm in height & virtual
D. 10cm behind the lens, 10cm in height & virtual
- 15. Which of the following is true about an image in a plane mirror? The image is:
A. diminished
B. enlarged
C. real
D. virtual
- 16. A ray of light is sent as an incident ray to a concave mirror through the focal point. In what direction is this ray reflected back? It is reflected back:
A. in the same line as the incident ray
B. being parallel to the principal axis
C. through the center of curvature
D. through the focal point
- 17. "When light travels from one point to another in a medium, it always chooses the path that takes the least time". Which of the following is the name to this statement?
A. Archimedes's principle
B. Newton's principle
C. Fermat's principle
D. Pascal's principle
- 18. Light is dispersed into its spectrum of various colors from a broken cd. Which of the following is correct about the colors reflected during this dispersion?
A. The light that reflected most is violet light
B. Red light is refracted more than violet light
C. Orange light is refracted more than yellow light
D. The light that refracted least is green light
- 19. What property of light is exhibited when light rays are bouncing back after hitting an opaque object?
A. Reflection
B. Refraction
C. Diffraction
D. Dispersion
- 20. In the image formed in a plane mirror, the right hand becomes left hand & the left hand becomes right hand. Which of the following characteristics correctly describes this phenomenon? The image is :
A. same size as the object
B. erect
C. same distance behind the mirror as the object in front
D. laterally inverted
- 21. Which of the following is true about convex & concave lenses?
A. Convex lenses have virtual focus but concave lenses have real focus
B. Convex lenses have real focus but concave lenses have virtual real focus
C. Both Convex & concave lenses have real focus
D. Both Convex & concave lenses have virtual focus



General messages:

You should do this work sheet properly!!!

Keep yourselves from Corona Virus!!!

ENGLISH work sheet FOR GRADE-7

I. choose the best answer from the given alternatives

- 1. Coffee-----carried from the store by the workers yesterday.
A. were B. is C. was D. are
- 2. The hospital was ----- last year
A. building B. built C. builds D. build
- 3. She -----to school on foot.
A. to go B. going C. goes D. gone
- 4. Have you -----for the food?
A. pay B. paying C. paid D. pays
- 5. He -----play football but he likes playing the piano
A. don't B. doesn't C. didn't D. do not
- 6. Have you -----your lunch?
A. eaten B. ate C. eat D. to eat
- 7. In Amharic there are some expressions -----are difficult to translate in to English
A. which B. who C. that D. A and c answer



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- 8. If you do not work hard, you -----not pass.
A. would B. will C. would have D. would has
- 9. If I -----a lottery, I will buy a house .
A. wins B. winning C. win D. won
- 10. We -----go to the cinema, because we enjoy films.
A. rarely B. often C. hardly D. seldom
- 11. The moon -----round the sun
A. go B. is going C. goes D. went
- 12. The sun -----in the east and -----in the west
A. rose/set b. rise/set c. rises/sets D. is rising /is setting
- 13. We were really surprised ----- he arrived un expectedly.
A. if B. when c. as soon as D. until
- 14. I will have a shower ----- I go to bed.
A. after B. before C. while D. none
- 15. An elephant is ----- than a lion.
A. biggest B. more big C. bigger D. big
- 16. Dereje-----to his office nearly every day.
A. walks B. walk C. is walking D. has walked
- 17. The books -----here for sale since last week.
A. were B. are C. have been D. had been
- 18. Light ----- faster than sound.
A. travel B. travels C. travelled D. is travelling
- 19. The public ----- not to leave litter in the parks.
A. is requested B . are request C. is request D. requesting
- 20.If I ----- the market I would buy enough food.
A. go B. foes C. went D. gone

II. Read the following passage and answer the questions that follow.

Kennedy

The founding father of the kennedy clan joseph kennedy came from an iimmigrant irish family . He went to the best boston latin school and then to Harvard-one of the most famous colleges in the united states.

Joseph kennedy was a banker and an ambassador of his country in the united kingdom. His fortune was estimated to be between 300-500 million dollars in the 19 60's . He had many sons and daughters. His second son john F.kennedy was the youngest president in the history of America.

John F.kannedy was the most popular president. He was the first American leader to establish the peace corps, a government agency that helps developing countries in education, health, agriculture, technical and related matters. In the early 19 60 s there were more than 500 peace corps volunteers in Ethiopian working as teachers, nurses, medical doctors and technical advisors.

John F. kenndy was killed on November 22,19 63 in dallas, texas while on a visit.

A comprehension questions

በADM መግቢያ



SCHOOL

የፖድ ክፍል የግኝት/ጠ/ት/ት

ጠለማጠፂ ጥያቄዎች

- 21. Joseph kennedy came from -----immigrant family.
A. English B. welish C. Irish D. Scottish
- 22. Joseph kennedy served his country as an -----
A. ambassador b. secretary C. army general D. attorney
- 23. Joseph kennedy's fortune was believed to be.
A. one billion B. 300-500 million C. 700 million D. 800 million
- 24. The youngest president in the history of America was .
A. joseph kennedy B. john F. kennedy
C. Robert kennedy D. Ronald Rlagan
- 25. One of the following was established by john F kennedy
A. USAID B. peace corps C. world health organization D. UNESCO
- 26. In the early 19 60's and 19 70's there were about ----- peace corps volunteers
in Ethiopia. A. 1,000 B. 10,000 C. 5,000 D. 500
- 27. John F.kennedy was killed in
A. Denever B. Dallas C. Washingto, D.C D. Nowyork

B. vocabulary questions

- 28. Went to. Para -----line-----means
A. ran away B. gone C. studied D. moved
- 29. Fortune . Para-----line-----means
A. home B. age C. financial wealth D. vehicle
- 30. Popular. Para---- line -----means
A. greedy B. arrogant C. widely accepted by people D. widely rejected by the people

III. match the words in column "a" with their meanings in column "b"

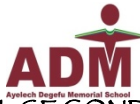
A

B

- 31. Graze A. aplace or a whole to put things
- 32. Excitement B. cultural
- 33. Reservior C. to be shaped
- 34. Traditional D. feed on vegetation
- 35. Carved E. glad and full of happiness

IV. identify which of the following sentences are active and which one of them are passive

36. They processed the coffee.-----
37. Cotton was planted.-----
38. A sack of rice was brought.-----
39. Almaz drank the tea.-----
40. The girl prepared delicious coffee.-----



AYELECH DEGEFU MEMORIAL GENERAL SECONDARY AND HIGHER EDUCATION PREPARATORY
SCHOOL

የፖር ክፍል የጋራ/ጠ/ት/ት

መለማመጃ ጥያቄዎች

የሰውነት ማጎልመሻ ት/ት መለማመጃ ጥያቄዎች

ትእዛዝ አንድ:- ትክክል ከሆነ “እውነት” ስህተት የሆነ ደግሞ “ሀሰት” በማለት መልሱ

- 1. በቅርጫት ካለ ጨዋታ ካለን በቁጥጥር ስር ለማዋልና ተጋጣሚን ለማታለል የሚጠቅም የማንጠር ዘዴ በዝቅተኛ ማንጠር ይባላል፡፡
 - 2. በ100 ሜትር ሩጫጊዘ የመሠናክሉ ክፍታ106 ሳሜትር ነው፡፡
 - 3. ካለን በእጅ በመምታት ከአንደኛው ሜዳ ወደ ሌላኛው ሜዳ በማሳለፍ የሚከናወን ጨዋታ የእጅ ካለ ጨዋታ ይባላል፡፡
 - 4. አንድን እንቅስቃሴ በአጭር ጊዜ ውስጥ ሰርቶ የመጨረስ ችሎታ ቅልጥፍና ይባላል፡፡
 - 5. ከአካል ብቃት መገምገሚያ ስልቶች ውስጥ አንዱ የልብ ትርታን መለካት ነው፡፡
 - 6. መንደርደር ከሚጠይቁ የውርወራ ተግባሮች ውስጥ አንዱ ዲስክስ ውርወራ ይባላል፡፡
 - 7. ከላይ ወደ ታች የዱላ ማቃበል ዘዴ ጊዜ የአቃባይ እጅ ምን ጊዜም ከላይ መሆን አለበት፡፡
- ትእዛዝ ሁለት ትለኛ መልስ የያዘውን ፊደል ምረጡ፡፡**
- 8. ከሚከተሉት ውስጥ የክፍታ ዝላይ አዘላለ ስልት ያልሆነው የቱ ነው?

በADM መምህራን



SCHOOL

የገጽ ክፍል የጋፍጡ/ጠ/ት/ት

መለማመጃ ጥያቄዎች

ሀ. የቀጥታ ዝላይ

ሐ. የመንጠልጠል ዝላይ

ለ. የመቀስ ዝላይ

መ. ዋስተርን ሮል

-----9. በጦር ውርወራ ጊዜ ከውርወራ ክንውን በፊት የሚከናወን ----- ይባላል፡፡

ሀ. ሚዛንን መጠበቅ

ሐ. ጦር አያያዝ

ለ. መንደርደር

መ. ከጦር ሰውነት ቀድሞ መገኘት

-----10. በጦር ውርወራ ጊዜ ለሴቶች የጦሩ ክብደት ስንት ነው?

ሀ. 600 ግራም

ለ. 500 ግራም

ሐ. 800 ግራም

መ. 300 ግራም

-----11. ከሚከተሉት ውስጥ ልዩ የሆነው የቱ ነው?

ሀ. 4 100 ሜትር ዱላ ቅብብል ሩጫ

ሐ. 100 ሜትር የፍጥነት ሩጫ

ለ. መሠናክል ሩጫ

መ. 800 ሜትር ሩጫ

-----12. ከሚከተሉት ውስጥ የእጅ ኳስ ጨዋታ መሠረታዊ ክህሎት ያልሆነው የቱ ነው?

ሀ. ኳስ ማንጠር

ለ. ኳስ ማቃበል

ሐ. ወደ ቀለበት አልሞ መወርወር መ. ኳስ መቀበል

-----13. የእግር ኳስ ጨዋታ መጫወቻ ሜዳ የግቡ ስፋት ስንት በስንት ነው?

ሀ. 2.45 በ 7.32 ሜትር

ለ. 2.44 ሜትር በ 7.26 ሜትር

ለ. 2.44 ሜትር በ 7.32 ሜትር

መ. 2.40 ሜትር በ 7.26 ሜትር

-----14. ከሚከተሉት ውስጥ የእግር ኳስ ጨዋታ መሠረታዊ ጥበብ ከኳስ ጋር ያልሆነው የቱ ነው?

ሀ. ኳስ መንዳት

ለ. ማታለል

ሐ. ኳስ መቆጣጠር

መ. የበረኝነት እንቅስቃሴ

ትእዛዝ ሶስት፡- የሚከተለውን ሰንጠረዥ በትክክል ሙሉ፡፡

የውድድሩ አይነት		የመሠናክል ከፍታ	ከመነሻ መስመር እስከ መጀመሪያው መሠናክል ያለው ርቀት	በመሠናክል መካከል ያለው ርቀት	ከመጨረሻው መሠናክል እስከ መጨረሻው መስመር ያለው ርቀት
ለወንድ	110 ሜትር				
	400 ሜትር		45 ሜትር		
ለሴት	100 ሜትር				10.5 ሜትር
	400 ሜትር	76 ሜትር		35 ሜትር	

ትእዛዝ ሁለት ፡- በ"ሀ" ሥር ለተዘረዘሩት ፈሊጣዊ አነጋገሮች በ"ለ" ስር ከተዘረዘሩት ትርጉማቸው ጋር አዛምዱ፡፡ (10%)

“ሀ”

-----9. ሁለት ልብ

-----10. ሆደ መጋዘ

-----11. ላብላብ አለኝ

-----12. ልበ ጡል

-----13. መፅሀፍ ገላጭ

-----14. መፅሀፍ አዋቂ

-----15. ራሱን ቀበረ

-----16. ሳር መስሏል

-----17. ራስ ስሞሽ

“ለ”

ሀ. ጨነቀኝ

ለ. እብድ

ሐ. አጥብቆ ልመና

መ. ዘመዴ፣ ወገኔ

ሠ. ጠንቋይ

ረ. ሊቅ ሙሀር

ሰ. ወላዎይ

ሸ. ክፉ ሰው

ቀ. ተደበቀ



የገጽ ክፍል የጋኛጤ/ጠ/ት/ት

መለማመጃ ጥያቄዎች

-----18. ሥጋዬ

በ. ከስቷል

ትእዛዝ ሶስት:- ለሚከተሉት የተለያዩ ጥቃቂዎች ትክክለኛውን መለስ ብቻ በመምረጥ መልሱ:: (19%)

-----19. ከሚከተሉት አረፍተ ነገሮች ውስጥ በመንስኤ እና ውጤት የተያያዘው አረፍተ ነገር የትኛው

ነው?

ሀ. ተቀምጦ አገኘሁት

ሐ. ቀጥ ብላ ቆመች

ለ. ተናደሽ አትመገቢ

መ. ስላጠናሁ አለፍኩ

-----20. መሠደድ ከመመለስ ጋር ቢቃረን መስጠት ከ----- ጋር ይቃረናል::

ሀ. መደረግ

ለ. መጨመር

ሐ. መቀበል

መ. ማደል

-----21. ፈትሁ ፍትፍት የመሠለ ጋቢ ለብሏል:: የተሠመረበት ቃል አውዳዊ ፍች ምንድን ነው?

ሀ. የሚዋጥ

ለ. ያማረ

ሐ. ነጭ

መ. ለስላሳ

-----22. የኢትዮጵያ ኤሌክትሪክ መብራት ሀይል ባለስልጣን የሚለው ስያሜ በምህላቃል ሲፃፍ ምን ይሆናል?

ሀ. የኢ.ኤ.መ.ባ

ሐ. የኢ.ኤ.ማ.ሀ.ባ.

ለ. ኢ.ኤ.መ.ሀ.ባ.

መ. የኢ.ኤ.መ.ሀ.ባ.

-----23. ከዚህ በኋላ ማንንም አልፈልግም :: የሱ ገንዘብ -----

ሀ. በአፍንጫዬ ይንቆርቆር

ሐ. በመዳፌ ይወርወር

ለ. በጉሮሮዬ ይሰንቀር

መ. በአፍንጫዬ ይውጣ

-----24. እሽ! ነብር አየኝ በል! የሚለው አባባል በየትኛው ክፍል ይመደባል?

ሀ. በክርክር

ለ. በቀልድ

ሐ. በዛቻ

መ. በፉክራ

-----25. እርፍ ፣ ቅትርት፣ ድግር እና ወገል የመሳሰሉትን የሚጠቀመው የትኛው ነው?

ሀ. አናሊ

ለ. ሀኪም

ሐ. ጠንቋይ

መ. ገበሬ

-----26. ከሚከተሉት ውስጥ ተነባቢ የሆነው ድምፅ የቱ ነው?

ሀ. እ

ለ. የ

ሐ. ካ

መ. ኦ

-----27. የአፄ ምኒልክን የሀይወት ታሪክ በትክልል ሲፃፍ የትኛው መቅደም ይኖርበታል?

ሀ. ወደ ስልጣን የመጡበት ሁኔታ

ለ. የጀግንነት ውሎዎች

ሐ. የትምህርት አቀባበል ሁኔታ

መ. የትውልድ ሥፍራ

-----28. -----አብዛኛውን ጊዜ ሥለ ሰው የሚገልፅ የሚመራመር የሙያ መስክ ነው:: በሚለው አረፍተኛነት ውስጥ ለባዶ ቦታው ተገቢ የሆነው የትኛው ነው?

ሀ. ጋዜጠኞች

ለ. ጋዜጠኝነት

ሐ. ጋዜጣዊ

መ. ጋዜጣ

-----29. አንችን በእርጉ ----- ጣል አድርጎ::

ሀ. ሰናፍጭ

ለ. ሳማ

ሐ. ሽንኩርት

መ. አዋዜ

-----30. የሰርጉ ዋዜማ ሳይመጣ----- ከተፍ አለ::

ሀ. የመተጫጨቱ

ለ. የቀለበቱ

ሐ. የምላሹ

መ. ሁሉም

-----31. ከሚከተሉት ቃላት መካከል አንደኛው በፍች ልዩ ነው:: የትኛው ነው?

ሀ. ቅሪት

ለ. ክበድ

ሐ. ጥጉብ

መ. ጥገት

-----32. ንጹ እና ጤፍ መሳ ለመሳ መለወጡ አስገርሞኛል:: በሚለው አረፍተኛነት ውስጥ ፀሀፊውን



ያስገረመው ምንድን ነው?

ሀ. ንጹህ እንደ ጤፍ ሁሉ ለእንጀራነት መዋሉ

ለ. ንጹህ ጤፍን በልጦ ለብዙ አገልግሎት መዋሉ

ሐ. የንጹህ ዋጋ ከጤፍ እኩል መሆኑ

መ. የንጹህ ዋጋ የጤፍ ዋጋን ግማሽ መሆኑ

----- 33. እልም ያለ ወይም የለየለት ውሽት ተናጋሪን የሚገልፀው ምሳሌያዊ አነጋገር የትኛው ነው?

ሀ. ለተቀማጭ ሰማይ ቅርቡ ነው

ለ. ልብ እንቅርት ይመኛል

ሐ. ማሩን አምሮ ወተቱን አጥቁሮ

መ. ሁሉ በእጄ ሁሉ በደጄ

----- 34. ውረድ እንወረድ ተባባሉና

አስደበደቡት አፋፍ ቆሙና የሚለው ግጥም ከየትኛው ግጥም ስልት ይመደባል?

ሀ. የወል ግጥም

ሐ. የቡሄ በሉ ግጥም

ለ የሰንጐ መገን ግጥም

መ. ድብልቅ ግጥም

----- 35. ቆቅ ወዲያ ቅዝምዝም ወዲህ ለሚለው ተረት እና ምሳሌ ተመሳሳይ ፍች የትኛው ነው?

ሀ. አራምባና ቆቦ

ለ. በደምሳሳው

ሐ. እንቁፈንቶ

መ. ሰኔ እና ሠኞ

----- 36. ከሚከተሉት ተረት እና ምሳሌዎች አንደኛው ከሌሎች በፍች አይመሳሰልም :: የትኛው ነው?

ሀ. ትላብሰው የላት ትከናነበው አማራት

ለ. ራት የላት ምሳ አማራት

ሐ. እግር የላት ክንፍ አማራት

መ. መልሱ አልተሰጠም

----- 37. ቅቤ ሻጭ -----:: ተረትና ምሳሌውን የሚያሟላው የትኛው ነው?

ሀ. መሀላ ያበዛል

ለ. ድርቅ ያወራል

ሐ. ነገሩ ምላጭ

መ. ገንዘቡን ቆጣቢ

ትእዛዝ አራት:- ከዚህ በታች ላቀረቡት ልዩ ልዩ ጥያቄዎች ትክክለኛውን መልስ በመጻፍ መልሱ:: (3%)

38. የገደለው ባልሽ የሞተው ወንድምሽ የሚለውን ምሳሌያዊ አነጋገር በምሳሌያዊ አነጋገር ፍቱ::

39. መልዕክትን በዕሁፍ ለሌሎች ማስተላለፍ ----- ተብሎ ይጠራል::

40. ስለ አንድ ርዕስ ጉዳይ ብቻ የሚጻፍበትና ርዕሠ ጉዳዩ የሚብራራበት የጋዜጣ /መፅሔት/ ክፍል

----- ይባላል::

Mathematics Work sheet for Grade-7

I. Write “True” if the statement is correct and “false” if the statement is incorrect.

_____ 1. The total surface area of a cube with edge cm is cm^2 .

_____ 2. There exists a regular polygon with each interior angle 80° .

_____ 3. If the area of a circle is 4cm^2 , then its diameter is 4cm.

_____ 4. The volume of a right circular a cylinder with base radius 2cm and height cm is cm^3 .

_____ 5. The area of square with perimeter 10cm is 2.25cm^2 .



II. Matching Item

Read the geometrical figure in column “A” and match with their corresponding formula from column “B”.

A

- _____ 6. Circumference of circle with radius r.
- _____ 7. Area of a circle with radius r.
- _____ 8. Lateral surface area of a cube with edge r units.
- _____ 9. Total surface area of a cube with edge r units.
- _____ 10. Volume of a cube with edge r units.
- _____ 11. Total surface area of a right circular cylinder with base radius r and height h, units.
- _____ 12. Lateral surface area of a right circular cylinder with base radius r and height h.
- _____ 13. Volume of a right circular cylinder with base radius r and height h.
- _____ 14. Perimeter of a square with side length r unit.
- _____ 15. Area of a square with length of diagonal r units.

B

- A. $6r^2$
- B. r^3
- C. $4r^2$
- D. $2rh$
- E. r^2
- F. r^2
- G. r^2
- H. $2r(r+h)$
- I. r^2h
- J. bh
- K. $2r$
- L. $4r$

III. Multiple choice

Put the letter of your choice on the blank spaces provide.

- _____ 16. The length of altitude of a trapezium with bases 12cm, 8cm and area 40cm^2 is _____.
 - A. 4cm
 - B. 6cm
 - C. 8cm
 - D. 2cm
- _____ 17. In the diagram below the value of x is _____.
 - A. 60°
 - B. 40°
 - C. 50°
 - D. 65°
- _____ 18. If the angles of a triangle are in the ratio 2 : 3 : 5 the size of the largest angle is _____.
 - A. 36°
 - B. 54°
 - C. 72°
 - D. 90°
- _____ 19. The area of a rhombus with diagonals 4cm & 6 cm is:
 - A. 24cm^2
 - B. 12cm^2
 - C. 16cm^2
 - D. 32cm^2
- _____ 20. The area of a semi circle with radius ,2cm is _____.
 - A. cm^2
 - B. cm^2
 - C. cm^2
 - D. 2cm^2

_____ 21. A square is inscribed in a circle of radius 2cm in the figure below .
The area of the shaded region is _____

- A. $16\text{cm}^2 - 16\text{cm}^2$
- B. $16(-2)\text{cm}^2$
- C. $8\text{cm}^2 - 4\text{cm}^2$
- D. $4(-2)\text{cm}^2$

_____ 22. The area of the square in question no 21 is _____

- A. 8cm^2 B. 16cm^2 C. 4cm^2 D. None

_____ 23. A right circular cylinder has base radius 3cm and height 4cm. The lateral surface area of the cylinder is -----

- A. 12cm^2 B. 18cm^2 C. 36cm^2 D. 24cm^2

_____ 24. The volume of the cylinder stated in question No. 23 is _____

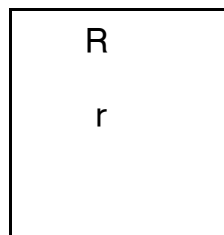
- A. 36cm^3 B. 12cm^3 C. 24cm^3 D. 18cm^3

_____ 25. If the lengths of two altitudes of a parallelogram are 4cm, 6cm and the perimeter of the parallelogram is 80cm. The lengths of its sides are _____

- A. 16cm, 24cm B. 8cm, 22cm C. 32cm, 8cm D. 18cm, 22cm

_____ 26. Which expression describes the area of the shaded region (annulus) below?

- A. $(R^2 + r^2)$
- B. $(R - r)$
- C. $(R^2 - r^2)$
- D. $(R + r)$



_____ 27. If the diagonal of a square is 8cm, the length of the side of the square is _____.

- A. cm B. 4cm C. cm D. 2cm

_____ 28. Which of the following is not true about a square.

- A. It is a rectangle
- B. Diagonals are congruent
- C. Diagonals are angle bisectors
- D. All are correct.

_____ 29. The area and perimeter of a right angled triangle with sides 3cm, 4cm 5cm are _____ & _____ respectively.



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የፖር ክፍል የጋኛጡ/ጠ/ት/ት

ጠለማጠፂ ጥያቄዎች

A. 6cm^2 , 12cm

B. 30cm^2 , 12cm

C. 10cm^2 , 12cm

D. 15cm^2 , 12cm

_____ 30. The length of a rectangle is twice its width, if the perimeter of the rectangle is 48cm its area will be _____

A. 24cm^2

B. 144cm^2

C. 128cm^2

D. 136cm^2

_____ 31. In the figure below $m(\angle ABC) =$ _____

A. 30°

B. 150°

C. 120°

D. 60°

Iv. Work out problems Show the necessary steps clearly & neatly !

_____ 32. Find the area and perimeter of the region below:

(use= 3.14)

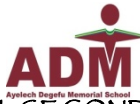
_____ 33. If the radius of a circle is twice the radius of on other circle, then find the ratio of
:

a. The areas of the big circle to the small circle.

b. The circumferences of the circle to the small circle.

_____ 34. If ABCD is a trapezium with bases 10cm & 8cm below find its height so that its area will be 54cm^2 .

h



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የፖር ክፍል የጋራ/ጠ/ት/ት

መለማመጃ ጥያቄዎች

_____ 35. If the perimeter of a parallelogram below is 40cm .find the
lengths of the two sides.

A

D

B

C



የፖር ክፍል የህብረተሰብ ት/ት መለማመጃ ጥያቄዎች

ትእዛዝ አንድ:- ትክክል የሆነው “እውነት “ ትክክል ያልሆነውን “ሐሰት” በማለት መልስ/ሽ

- 1. በአፍሪካ አህጉር ዙሪያውን በውሀማ አካላት የተከበበ ነው።
- 2. በዓለም አንደኛው በረሀ የናሚ በረሀ ነው።
- 3. ደቡብ አፍሪካ በባቡር ስርጭት ከሌሎች የአፍሪካ አገሮች የተሻለ ነው።
- 4. አፍሪካ የብዙ ወንዞችና ሐይቅ መገኛ ናት።
- 5. አብዛኛው የአፍሪካ ክፍል በሐረር ክልል ውስጥ ይገኛል።
- 6. ካርታ ክብ ሲሆን ሉል ግን ዝርግ ነው።
- 7. የአፍሪካ ደቡባዊ ጨፍ ኬኝ አጉልሀስ ይባላል።
- 8. ሐዝብ በብዛት ሰፍሮ የሚገኘው በበርሀዎች አካባቢ ነው።
- 9. የካንሰር ስመር አፍሪካን መሐል ለመሐል አቋርጦት ያልፋል።
- 10. የአየር ንብረት ለህዝብ ስርጭት ያለው ተፅእኖ ዝቅተኛ ነው።
- 11. ማእከለ መሬት ወስተኛው የመሬት ንጣፍ ነው።
- 12. የተዛባ አስተራረስ የውሀ ሽርሽራን የከላከላል።

ትእዛዝ ሁለት :- የሚከተሉትን ጥያቄዎች በማንበብ ትክክለኛ የሆነውን መልስ ምረጡ።

- 13. የማሊን መንግስት የመሠረቱት ማህበረሰቦች ----- ይባላል።
 ሀ. ማዴንጎዎች ለ. ሾናዎች ሐ. ፎኔሽያን መ. እንጉኒ
- 14. የአፍሪካ ምጣኔ ሀብት የተመሠረተው በ----- ላይ ነው።
 ሀ. ግብርና ለ. ንግድ ሐ. ኢንዱስትሪ መ. ሁሉም
- 15. ከሚከተሉት እንስሳት መካከል ሣር በል የሆነው የቱ ነው?
 ሀ. ቀጭኔ ለ. አንበሳ ሐ. ነበር መ. አቦ ሸማኔ
- 16. የካርቴጅን መንግስት የመሠረቱት ጎሳዎች ----- ይባላሉ።
 ሀ. ፈኒሽያን ለ. ማዲንጎ ሐ. እንጉኒ መ. ሁሉም
- 17. የኬክሮስ መስመሮች ሌላው መጠሪያ ስማቸው----- ነው።
 ሀ. ትይዩ ለ. ተጓዳኝ ሐ. ቋሚ መ. ሀያለ መልስ ነው
- 18. በዓለም ትንሿ አህጉር ----- ይባላል።
 ሀ. አውስትራልያ ለ. እስያ ሐ. አፍሪካ መ. አውሮፓ
- 19. ሰው የማየኖርበት አህጉር ----- ነው።
 ሀ. አፍሪካ ለ. አንታርክቲካ ሐ. እስያ መ. መልሱ የለም
- 20. ዓለም አቀፍ የቀን መለያ መስመር----- ይባላል።
 ሀ. 160° ለ. 180° ሐ. 360° መ. 80°
- 21. የአፍሪካ የአየር ንብረት በ---- ይከፈላል።
 ሀ. በ6 ለ. በ7 ሐ. በ8 መ. በ9



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የፖርት ክፍል የጋራ/ጠ/ት/ት

መለማመጃ ጥያቄዎች

- 22. በአፍሪካና በዓለም የዘንገባ ፍሬ ዘይት በማምረት የምትታወቀው አገር----- ትባላለች።
 ሀ. ናይጄርያ ለ. ሊብያ ሐ. ካሜሮን መ. ግብፅ
- 23. የደን ውድመትን ከሚያባብሱ ነገሮች መካከል የሆነው የቱ ነው?
 ሀ. የክሰል ምርት መጨመር ለ. የማረዶ እንጨት መጠቀም
 ሐ. የህዝብ ቁጥር መጨመር መ. ሁሉም
- 24. በዓለም ላይ ከሚመረተው ቡና በአፍሪካ ----- ያህሉ ከመቶ ይመረታል
 ሀ. 10 % ለ. 20% ሐ. 30 % መ. 40%
- 25. በአፍሪካ የሻይ ቅጠል በማምረት ከሚተወቁት አገሮች መካከል
 ሀ. ታንዛንያ ለ. ኬንያ ሐ. ኢትዮጵያ መ. ሁሉም
- 26. የሲራራ ነጋዴዎች አለቃ ----- ይባላል።
 ሀ. ጀበርቲ ለ. አፍቃለ ሐ. ማርያትሬዛ መ. ነጋዴራስ
- 27. አንድን ሰው ከሌላው ሰው ለይቶ ማየት ----- ይባላል።
 ሀ. አድሎ ለ. መሰና ሐ. ዲሞክራሲ መ. መድሎ
- 28. የአፍሪካውያን ወቅታዊ ያልሆነውን ችግር ለዩ
 ሀ. ጎሳቀርነት ለ. ድሀነት ሐ. ቅኝ አገዛዝ መ. አችአይ ቪኤድስ
- 29. ከሚከተሉት የመሬት ንጣፎች መካከል በ3ኛ ደረጃ የሚገኘው የቱ ነው?
 ሀ. ማዕከል መሬት ለ. ቅርፊተ መሬት ሐ. እምብርተ መሬት መ. ልውጥ አለት
- 30. ቅርፊተ መሬት የተነገገው በ----- ነው።
 ሀ. በማዕድናት ለ. ከአለቶች ሐ. ከውቅያኖስ መ. መልሱ የለም
- 31. የበረሀ መርከብ የምትባለው እንስሳ ----- ትባላለች
 ሀ. የሜዳ አህያ ለ. ግመል ሐ. ጎሽ መ. ሳላ
- 32. አህጉራዊ ቅርፊተ መሬት የሚገኘው በ----- ውስጥ ነው።
 ሀ. በእምብርተ መሬት ለ. በቅርፊተ መሬት ሐ. በማዕከል መሬት መ. ሁሉም
- 33. አለቶች በአፈጣጠራቸው በ----- ይከፈላሉ።
 ሀ. በ2 ለ. በ3 ሐ. በ4 ሐ. በ5
- 34. ነዳጅ ዘይት ወይም ፔትሮሊየም የሚገኘው ----- አለት ውስጥ ነው።
 ሀ. በዝቅጠት ለ. በልውጥ ሐ. በቅልጥ መ. በልውጥና በቅልጥ
- 35. ከሚከተሉት ውስጥ የተፈጥሮ እፅዋት ከሚሰጡት ጠቀሜታ የማይመደበው የቱ ነው?
 ሀ. ለሀይለ ምንጭነት ለ. ለምግብነት ሐ. ለመድሀኒት ቅመማ መ. ለጨው ማጣፈጫነት
- ትእዛዝ ሶስት፡- የሚከተሉት ጥያቄዎች በማንበብ የ"ሀ" ከ"ለ" ከማዛመድ ስሩ**

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ለ

- 36. የምስራቅና የደቡብ አፍሪካ የጋራ ገበያ ሀ. ሳዲክ
- 37. የምዕራብ አፍሪካ መንግስታት የምጣኔ ሀብት ማህበረሰብ ለ. ኢኮሞስ
- 38. የደቡብ አፍሪካ የልማት ማህበረሰብ ሐ. ኮሜሳ
- ትእዛዝ አራት፡- ለሚከተሉት ጠያቂዎች ክፍት ቦታውን ሙሉ**
39. በዓለም በርዝመቱ የሚታወቀው ወንዝ ----- ይባላል።
40. በመንገድና በባቡር መስመር የተሻለ እድገት ደረጃ ላይ የሚገኘው ----- የአፍሪካ ክልል ነው።



Chemistry Work sheet for Grade-7

I. Write “True” if the statements is correct & write “false” if the statement is incorrect.

- 1.chemical equations are balance by putting the incorrect coefficients before the symbols or formulas of the substances involved in the reaction.
- 2.the nucleus is the control positives charged part of an atom.
- 3.molecules containing move than two atoms are called poly atomic molecule.
- 4.Law of conservation of mass states that mass of reactants is exactly equal to mass of products
- 5.coefficient is a number written at the bottom right hand side of a symbol.

II. Match the following question column ”B” column “A”

“A”

“B”

- | | |
|---|--|
| ----- 6. Democritus | A. matter is continuous |
| -----7.The chemical formula of Ammonium sulphate | B. positive |
| -----8. The chemical formula of Magnesium phosphate | C. changeless (Zero) |
| -----9.Aristotle | D. matter is discrete |
| -----10.the charge o proton | E. (NH ₄) ₂ SO ₄ |
| -----11.The charge of neutron | F.Mg ₃ (PO ₄) |
| | G. MgSO ₄ |
| | H. Negative |

III. Choose the best answer for the following questions.

- 12. Cl represents
- A. An element B. a compound C. main D. All
- 13.The product formed when carbon reacts with excess supply of oxygen is



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- A. CaO B. CO₂ C.CO D. None

-----14.The valence number of Aluminum in Al₂S₃ is:

- A. 4 B. 2 c. 3 D. 1

-----15. Quantitatively the formula 4O₂ represents

- A.4 atoms of oxygen C. 2 molecule of oxygen
B. 8 molecule of oxygen D. 4 molecule of oxygen

-----16.which of the following is not Hetropoly atomic molecule?

- A.P₄ B. SO₂ C. NH₃ D. H₂O

-----17.How many atoms are present is 3CaCO₃?

- A.12 B. 125 C. 7 D. none

IV. Balance the following chemical equations

18.C₄H₁₀ +O₂ CO₂+ H₂O (inspection method)

19.Fe+O₂ Fe₂O₃ (LEM method)

20.FeS₂ +O₂ Fe₂O₃ +SO₂) Algebraic method)

I. Choose the correct answer from the given alternative

-----1.A very good example of soft water is :

- A. Sea water B. polluted water C. distilled water D. none

-----2.How many electrons does have?

- A.13 B. 14 C. 10 D. 12

-----3.when CO₂ is bubbled through lime water it turns milky due to the formation of----- A.

- Ca(HCO₃)₂ B. NgSO₄ C. CaCO₃ D. Ca(OH)₂

-----4.which of the following has the smallest mass?

- A. Nucleus B. neutron C. proton D. electron

-----5.suppose two atoms & are given. Which of the following is true about the two atoms?



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- A. X & Y are atoms of the same element
- B. X & Y are isotopes of the same element
- C. X & Y have the same number of neutrons
- D. X & Y are atoms of the d/t element.

-----6. which of the following is not true about metal

- A. Metals are conductor
- B. Metal are ductile
- C. metal tends to gain electrons
- D. All

-----7. Fertility of soil can be improved by -----

- A. Adding fertilizer
- B. chlorination
- C. deforestation
- D. irrigation

-----8. The term formula mass is used to tell the mass of -----

- A. ionic compound
- B. molecule of an element
- C. covalent compound
- D. molecule of compound

-----9. what is the correct electronic configuration of

- A. 2,8,5
- B. 2,8,8
- C. 2,8,3
- D. 2, 8, 2

-----10. Which of the following is not the major plant nutrient?

- A. Potassium
- B. Zinc
- C. phosphorus
- D. Nitrogen

-----11. the chemical symbol for phosphorus is :

- A. P
- B. Po
- C. K
- D. pt

-----12. ----- is the process of removing hardness of water?

- A. Soft water
- B. hard water
- C. softening of water
- D. All

-----13. All of the following elements can exist as a diatomic molecule except?

- A. Phosphorus
- B. Helium
- C. sulphur
- D. non

-----14. the salt used as a fertilizer with the numerical name 'DAP' is represented by the formula

- A. KNO_3
- B. $\text{Ca}_3(\text{PO}_4)_2$
- C. $\text{Ca}_3(\text{PO}_4)$
- D. $(\text{NH}_4)_2 \text{HPO}_4$

-----15. The valence number of silicon in SiH_4 is :

- A. 4
- B. 2
- C. 3
- D. none



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- 16.The common name of Group VII A element is -----
- B. Halogen B. noble gases C . alkilc metal D. chalcogens
- 17.Across a period, atomic size of the elements
- A. Increase B. decrease C. remain the same D . All
- 18.An element has the electron configuration of 2,8,7 the element is found in:
- A. Period 7, Group IIIA C. period 2 , Group I
- B. Period 3 , Group VII D. period 7, Group V
- 19.elements of the same group are characteristics by the same:
- A. electron negativity C. number of valence electron
- B. electron affinity D. number of shall
- 20.----- is the energy release when an electron is added to isolated gascous atom
- A. electron negativity C. electron affinity
- B. ionization energy D. unclear charge
- 21.which of the following two periods contains the same number of elements
- A. 3 & 4 B. 4 & 6 C. 2 & 4 D. 2 & 3
- 22.Flue gas desulphurization (FGD) is technology used to remove ----- from exhaust gases of power plants.
- A. Acid B. oxides of nitrogen C. CO₂ D. SO₂
- 23.which of the following salts are considered as temporary hardness of water?
- A. Ca(HCO₃)₂ B. CaCl₂ C. CaSO₄ D. All
- 24.which of the following atomic energy level is nearest to nucleus of an atom?
- A. K-shell B. L-shell C. M-shell D. N-shell
- 25.consider the following balanced chemical equation:
- A. $3\text{mg}(\text{OH})_2 + 2\text{H}_3\text{PO}_4 \rightarrow \text{Mg}_3(\text{PO}_4)_2 + 6\text{H}_2\text{O}$, what is the coefficient of water.
- A. 3 B.6 C. 1 D. 2



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-----26.-----is atoms of the same element with the same number of protons but different number of neutrons.

- A. Valence electron B. Isotopes C. mass number D. atomic mass

-----27.The product obtained by combining sulphur dioxide & water is -----

- A. H_2SO_4 B. SO_3 C. H_2SO_3 D. S

----28.which product is not obtained by distillation of coal?

- A. lubricating oil B. coke C. charcoal D. coal tar

-----29.Natural gas contains about 90% of -----

- A. propane B. butane C. ethane D. methane

----30.An element with atomic number 8 is found in

- A. Group IIA & period 3 C. Group VI A aid period 3
B. Group IIA & period 4 D. Group VIA and period 2

-----31.which of the following is not poly atomic molecule?

- A. B. C. D.

-----32.The first periodic law was proposed by-----

- A. dobereiner B. Mendeleev C. new lands D. mosely

-----33.The chemical that should be added to remove permanent hardness of water is

- A. Sodium carbonate B. soap C. calcium Carbonate D. none

-----34.----- is an atom or group of atoms that is positively of negatively charged

- A. Valance number B. ion C. molecule D. none

-----35.which of the following is green house gases?

- A. Water vapor & oxygen
B. Water vapor & carbon dioxide
C. Oxygen & carbon dioxide
D. All

-----36.one of the following is not air pollutant?

- A. SO_2 B. CO C. O_2 D. All



-----37.soap contains a compound called -----

A. $\text{Ca}(\text{C}_{17}\text{H}_{37}\text{COO})_2$

C. $\text{C}_{17}\text{H}_{35}\text{COONa}$

B. $\text{Mg}(\text{C}_{17}\text{H}_{35}\text{COO})_2$

D. none

-----38.----- is the addition of chemicals to water to improve its quality

S. chemical treatment

C. Biology treatment

B. physical treatment

D. All

-----39.The maximum number of electrons that can occupy the third shell of an atoms is -----

A. 18

B. 8

C. 2

C. 32

-----40.All elements in the same period have the same -----

A. Number of shells

C. number of shells

B. Physical properties

D. number of valence electrons

አማርኛ ት/ት መለማመጃ ጥያቄዎች

ትእዛዝ አንድ :- ከዚህ በታች የቀረቡትን ጥያቄዎች “እውነት” ወይም “ሀሰት” በማለት ብቻ መልሱ::

----- 1. ስርቅታ ለሚለው አቻ ትርጉሙ ህቅታ የሚል ይሆናል::

----- 2. ሥነ-ፅሁፍ ውብተ ባለው ቋንቋ ብቻ በቃልም ሆነ በፅሁፍ የሚቀርብ የኪነ-ጥበብ ዘርፈ ነው::

-----3. ከትውልድ ወደ ትውልድ በቃል የሚተላለፍ ሥነ- ፅሁፋዊ ሀብት ኢ- ልብወለድ ፅሁፍ ይባላል::

----- 4. አንድን አስተዋፅኦ ከመፃፋችን በፊት ቀድመን የአንቀፅ ንድፍ ማዘጋጀት ይኖርብናል::

----- 5. የአንቀፅ ዋና ነገር መዘርዘር አረፍተነገሮች ይባላሉ::

ትእዛዝ ሁለት:- በ”ሀ” ስር የቀረቡትን ምሳሌያዊ አነጋገሮች በ”ለ” ሥር ካሉት የዝውር ፍቻቸው ጋር

አዛምዱ::

“ሀ”

“ለ”



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መለማመጃ ጥያቄዎች

- 6. ማን ያውራ የነበረ ማን ያርዳ የቀበረ
- 7. መቼ መጣሽ መሸራ መቼ ቆረጠምሽ ሽንብራ
- 8. ልብ እንቅርት ይመኛል
- 9. ለሠባቂ ጆሮህን አትስጠው
- 10. ቁሱም ዝም መፅሀፉም ዝም
- 11. ቢከፍቱት ተልባ
- 12. እዚያው ሞላ እዚያው ፈላ

- ሀ. ወሬኛን ሰው አታዳምጠው
- ለ. ከምንጊዜው ነገር ጀመረሽ
- ሐ. የማይረባ / ጥቅም የለሽ/
- መ. ከአቅም በላይ መፈለግ
- ሠ. ጉዳዩን የሚያውቅ ሰው ብቻ ይናገር
- ረ. የችኮላ ሥራ ሆነ
- ሰ. መለሶ ሰጭ ጠፋ
- ሸ. ሽንብራ ለመሸራ ጥሩ ነው
- ቀ. እንቅርት ከልብ ጋር እኩል ነው

ትእዛዝ ሶስት:- ከዚህ በታች ለቀረቡት ልዩ ልዩ ጥያቄዎች ትክክለኛውን መልስ እየመረጣችሁ መልሱ::

----- 13. ትክክለኛ ቅደም ተከተለ ያለው የትኛው ነው?

- ሀ. ርዕስ፣ ቢጋር፣ ረቂቅ መፃፍ፣ ድርሰት
- ለ. ርዕስ ፣ ቢጋር ፣ ድርሰት ፣ ረቂቅ
- ሐ. ቢጋር ፣ ርዕስ ፣ ድርሰት
- መ. ሁሉም ሥህተት ነው

----- 14. ዝርዝር ሀሳቦችን በውል አጤኖ ሀሳቦችን አጠቃሎ መግለፅ ----- ይባላል::

- ሀ. አስተያየት ለ. የመደምደሚያ ሀሳብ ሐ. ተጠየቅ መ. ንፅፅር

-----15. ተተኪውን ትውልድ በመልካም ስነ-ምግባር እንዲታነፅ የማስተማር ተግባርን ዋነኛ አላማው ያደረገ የሥነ- ቃል አይነት?

- ሀ. እንቅፅልሽ ለ. ቀልድ ሐ. ተረት መ. አፈ- ታሪክ

----- 16. ሰማዩ የተወለወለ መስታወት መስሏል::----- በእርግጠኝነት ነገ እንደማይዘን

መወራረድ እችላለሁ:: በሚለው በክፍት ቦታው በመግባት አረፍተነገሮችን ሊያያይዙልን የሚችለው የትኛው ነው?

- ሀ. ከቶውንም ለ. እንደዚሁም ሐ. ቢሆንም መ. ስለሆነም

----- 17. ሥጋው ጉፋያ ስለሆነ ዋጋው ተመጣጣኝ ነው:: የተሰመረበት ቃል አቻ ትርጉም

- ሀ. ጥሬ ለ. ለጋ ሐ. ጮማ መ. ያልሰባ

----- 18. ----- ጓደኛ ከወንድም ይበልጣል:: በክፍት ቦታው ገብቶ አረፍተነገሩ የተሟላ ፍች እንዲኖረው የሚያደርገው የትኛው ነው?



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መለማመጃ ጥያቄዎች

ሀ. የዛሬ

ለ. የድሮ

ሐ. መልካም

መ. መጥፎ

----- 19. ከሚከተሉት ውስጥ አንዱ የአስተዋፅኦን ጠቀሜታ አይገልፅም። የትኛው ነው ?

ሀ. ከርዕስ እንድንወጣ ይረዳናል

ለ. መካተት ያለባቸውን ነገሮች እንዳንረሳ ያግዘናል

ሐ. ከርዕስ ውጭ ተጨማሪ ሀሳብን እንድናቀርብ ያስችለናል።

መ. መነሻ እና መድረሻችንን በግልፅ እንድናውቅ ይረዳናል።

----- 20. ዳኛው መስቀለኛ ጥያቄ ሱጠይቁት ቆላና ደጋ ረገጠ።

ሀ. በትክክል መለሰ

ለ. ዘባረቀ

ሐ. አብራራ

መ. የዙኝ ለቀቁኝ አለ

-----21. ከሚከተሉት ውስጥ አስተዋፅኦ መንደፍ የበለጠ የሚያስፈልገው ለየትኛው ነው

ሀ. አንቀፅ

ለ. ደብዳቤ

ሐ. ግጥም

መ. ድርሰት

ትእዛዝ አራት :- ከዚህ በታተ የቀረቡትን ልዩ ልዩ ጥያቄዎች እንደ ጥያቄው መንፈስ ትክክለኛውን መልስ

ስጡ።

22. በጎተራ ሙሉ ጦር የሚለው እንቅፅልሽ ፍች ----- ነው።

23. ጥቁር ፈረስ ቼ ቢሉት አይመለስ። የሚለውን እንቅፅልሽ ፍች ዓፍ።

24. ከቀዳዳ -----

25. በሬ ግዙ ግዙ -----

Biology Work sheet for Grade-7

I. Write the correct statements are “True” and “False” for incorrect statements.

-----1. Insects are both useful and harmful to man in many ways.

-----2. Nymph that lacks wings is a stage in life cycle of complete metamorphosis.

-----3. Pupa is an active and feeding stage.

-----4. All animals are multi-cellular organism

-----5. Insects are numerous and wide spread all known living organism.

-----6. Most insects have 3- body parts.

-----7. All member of animals are known as kingdom animal.

-----8. The outer covering of insects is called endoskeleton.

-----9. primary consumer is the most abundant a base of pyramid.

-----10. metamorphosis is change form and it develops egg to adult.

II. Match column “A” with column “B”

“A”

“B”



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- 11. simple food relationship A. Habitat
 -----12. Complex food relationship B. Environment
 -----13. A group of organism that have C. Food chain
 the same species live together. D. population
 -----14. A group of organism that have E. community
 A different species live together. F. food web
 -----15. Live in water G. Terrestrial
 -----16. Live in /on land H. Quadrants
 -----17. sampling technique I. Aquatic
 -----18. organisms live in particular area J. fly trap
 -----19. surrounding of living and non
 living organism.

III. Choose the correct answer

- 20. Animals live on land and in water is called -----
 A. Reptile B. Ambhībians C. All
 -----21. Insects that causes a huge damage to crops is -----
 A. Locust B. Army worm C. Butter fly D. A and B
 -----22. A small six sided chamber made from wax by workers bee is -----.
 A. Royal jelly B. Honey comb C. Honey D. Frame
 -----23. Which one of the following is the largest terrestrial animals?
 A. Monkey B. whale C. Zebra D. Elephant
 -----24. Each stage between moults of incomplet metamorphosis is -----.
 A. Pupa B. caterpillar C. Instar D. Nymph
 -----25. The larval stage of Butter fly is -----.
 B. Caterpillar B. Dark moth C. pupa D. Brood
 -----26. The correct sequence of complet metamorphosis is -----.
 A. Egg Larva adult Pupa
 B. Egg pupa Larva adult
 C. Egg Larva Pupa adult
 D. Egg adult pupa Larva
 -----28. which of the following is used to preserve animal specimens for laboratory study?
 A. Salt B. Gasoline C. Formalin D. None
 -----29. sweetr net is used to trap -----.
 A. Spider B. butter fly C. ant D. all
 -----30. One of the following consumers is characterized by eating only meat?
 A. Herbivores B. Omnivores C. carnivores D. producers
 -----31. which one of the following feeds on primary consumers.
 A. Tertiary consumer B. Secondary consumer C. producers D. all



- 32.The larva of honey bee is nourished what substance to be a queen?
 A. Royal jelly B. pheromone C. pollen grain “D. None
- 33.-How many queen honey bees are normally found in a single hive?
 A. One B. Two C. Three D. Four
- 34.the opening of abdomen for breathing in insects called -----
 A.Antena B. Lung C. Spiracle D.moist skin
- 35.which of the following is miss –match parts of the mouth
 A.Mosquito needle line
 B. house fly proboscis
 C. Locust Lip and Jaw
 D .None

IV. Give short answer the following question.

36. Balacing organs during flight in house fly called -----
37. A disease transmitted by female anopheles mosquito is called -----
- 38.A chemical substance that used to kill insects called -----
- 39.The amount of energy lost and transferred each tropic level is called -----
40. List down different vectors causing disease? (At list -3)
41. Locust Lays egg in -----.
42. An insect that move across the country in a vast swarm is -----.

I.Wrtie “true” if the statement is correct and writ “false” if the statement is incorrect.

- _____ 1. Plants are non-photosynthetic organisms
- _____ 2. Flower is the vegetative part of a plant .
- _____ 3. Asxual reproduction needs gametes.
- _____ 4. Monocots have two cotyledons.
- _____ 5. Non-flowering plants are dominant on earth.
- _____ 6. The major pollinating agents are wind & animals.
- _____ 7. Ferns are vascular flowering plants.

II. Choose the correct alternatives for the following questions.

- _____ 8. One of the following is not a flowering plant.
 A. Rose plant C. Fern plant
 B. Papaya plant D. none
- _____ 9. Which is wrongly assiciated?
 A. Epidermis – protection C. Rot cap – protection
 B. Vascular bundles – transportation D. None
- _____ 10. _____ is not a part of a shoot system
 A. Stem B. flowering C. Root D. leave
- _____ 11. One of the following is an external parts of a leaf?

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- A. Cuticle B. stomata C. Guard cell D. none

_____ 12. One of the following is not a function of leaves?

- A. It is a site of gas exchange
B. It is a site of food preparation
C. It contain waxy substance
D. None

_____ 13. Which of the following is not a non –flowering plants?

- A. Fern B. mosses C. Tsegerda D. Tid

_____ 14. A flower is a reproductive part of _____

- A. Gymosperms B. Angiosperms C. mosses D. Ferns

_____ 15. The flower that has either the male or the female part is called _____

- A. Perfect flower C. self pollination
B. Imperfect flower D. cross pollination

_____ 16. Plants are used for _____

- A. Food source C. preparing house hold material
B. Paper preparation D. All

_____ 17. A type of reproduction that needs gamete is _____

- A. vegetative propagation C. Asexual reproduction
B. sexual reproduction D. all

_____ 18. The transfer of pollen from anther to stigma is called _____

- A. Pollination agent C. pollination
B. Pollengrain D. None

_____ 19. Which one of the plant is a part of root system in flowering a plant?

- A. Stem B. leaves C. Root D. all

_____ 20. Usually a sweet fleshy part of flowering plant is _____

- A. Fruit B. Stem C. stomata D. flower

_____ 21. The vascular bundles in plant contain _____

- A. Xylem tissue C. A&B
B. Phloem tissue D. only A

_____ 22. _____ is a small opening in the under side of the leaf

- A. Guard cell B. stoma C. cuticle D. all

III, Match question given in coloumn “A” by selecting answer from coloumn”B”

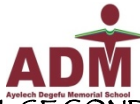
“A”

“B”

- | | |
|---|-----------------|
| _____ 23. Very fine root | A. Lateral root |
| _____ 24. Protects the growing region of the root | B. Primary root |
| _____ 25. Growing down wards in to the soil | C. Root hair |
| _____ 26. The main root that grows from the base | D. Root cap |
| _____ 27. Secondary root thinner than the main root | E. Root tip |

IV. Give short answer for the following questions

28. _____ can transport food from the leaf.



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29. flowering plant that contain two cotyledon is called _____

30. write the male parts of flowering plant.

A. _____

B. _____

C. _____