

## (Collection of MCQs from past papers of CT)

# CT past papers

1. The relationship between voltage, current and resistance is described as
  - A) Ohm's law
  - B) Boyle's law
  - C) Joule - Thomson effect
  - D) Faraday 's law
2. Which medical technique is used to study CVDs (Arterial tree) by injecting a dye into an artery of patient?
  - A) Open heart surgery
  - B) ECG
  - C) Angioplasty
  - D) Angiography.
3. Plastic is manufactured from petroleum by a process called
  - A) Pasteurization
  - B) Polymorphism
  - C) Polymerization
  - D) Distillation
4. In hospital's operation theatres, spot lights have ..... Mirrors
  - A) Plain
  - B) Convex
  - C) Concave
  - D) All of them
5. The last stage in life cycle of a star is
  - A) White dwarf
  - B) Black dwarf

- C) Blur dwarf
  - D) Red giant.
6. Which part of human ear helps in maintenance of body balance?
- A) Cochlea
  - B) Tympanum
  - C) Ossicles
  - D) Pinna
7. Pakistan has launched its first geostationary satellite ..... in 2011
- A) Explorer- IR
  - B) Badr-IR
  - C) Paktel- IR
  - D) Paksat-IR
8. In African Savana, giraffes communicate with each other over distance of hundred miles through
- A) Infrasonic Waves
  - B) Specific body odours
  - C) Visionary clues
  - D) Migration
9. In a bicycle a combination of ..... & ..... Are used for driving.
- A) Gear system, wheel and axle
  - B) Pulley system , gear system
  - C) Wheel and Axle , pulley system
  - D) All of them.
10. Scuba divers use a mixture of ----- in diving tanks for breathing under water.
- A) N<sub>2</sub> & O<sub>2</sub>
  - B) H<sub>2</sub> & O<sub>2</sub>
  - C) He & O<sub>2</sub>
  - D) All of them.
11. Plasmid are found \_\_\_\_\_ only

- A) Protozoa
- B) Bacteria
- C) Fungi
- D) Algae

12. Damage to building and stone statues caused by acid rain is commonly called \_\_\_\_

- A) Soil cancer
- B) Global warming
- C) Stone cancer
- D) Deforestation

13. The most common and simple technique of chromatography is \_\_\_\_\_

- A) Ion exchange chromatography
- B) Thin layer chromatography
- C) Paper chromatography
- D) None of these.

14. Law of conservation of mass was put forward by \_\_\_\_\_ in 1785.

- A) Lavoisier
- B) Faraday
- C) Newton
- D) Dalton

15. Which of the following is a derived quantity?

- A) Time
- B) Electric current
- C) Intensity of light
- D) Force

16. Initial designed for astronauts, liquid cooled garments are now used by \_\_\_\_

- A) Car cancer
- B) Nuclear reactor workers
- C) Both A and B
- D) Scuba drivers

17. Animals uses nitrogen in the form of \_\_\_\_\_
- A) Protein
  - B) Nitrates
  - C) Ammonium ions
  - D) Nitrites
18. Which salt is used as laxative in medicine to treat constipation?
- A) Copper sulphate
  - B) Sodium chloride
  - C) Baking soda
  - D) Magnesium sulphate
19. In the history of Indo - Pak , Aryan period is that when Aryans were living in the \_\_\_\_\_ of it
- A) South east
  - B) North east
  - C) South west
  - D) East
20. Ghiyas Uddin Ruled for only \_\_\_\_\_ Years
- A) Seven
  - B) Six
  - C) Five
  - D) Eight
21. Nadvat ul Ulema started working in \_\_\_\_\_
- A) 1985
  - B) 1896
  - C) 1898
  - D) 1897
22. The length of the coastal area of Pakistan is about \_\_\_\_\_ Km.
- A) 600
  - B) 800

C) 1000

D) 1200

23. \_\_\_\_\_ is located in high population density zone.

A) Western part of Asia

B) Central Europe

C) The Arabian peninsula

D) None of these

24. Qutb Uddin Aibak was the slave of \_\_\_\_\_

A) Firdausi

B) Muhammad Ghauri

C) Razia Sultana

D) Muhammad Bin Qasim

25. \_\_\_\_\_ reached Babylon where he died at the young age thirty three years in 323 BC.

A) Mussolini

B) Hitler

C) Alexander

D) Gupta

26. Mali and Haiti are \_\_\_\_\_ countries

A) Developed

B) Under developed

C) Dominant

D) Circular

27. Talcum powder is made from \_\_\_\_\_

A) Gypsum

B) Soap Stone

C) Limestone

D) Magnesite

28. \_\_\_\_\_ Cloth industry is one of the famous cloth industry of the world.

A) Sargodha

- B) Mianwali
- C) Faisalabad
- D) Taxila

29. GPS was developed by US department of defence in \_\_\_\_\_

- A) 1970
- B) 1973
- C) 1976
- D) 1979

30. More than 50% of the earth crust consist of \_\_\_\_\_ plains

- A) Indus
- B) Low Land
- C) Abyssal
- D) None of these

31. Juma khan was the son of \_\_\_\_\_.

- A) Mirza Ghalib
- B) Aurangzeb Alamgir
- C) Ghiyasuddin Tughluk
- D) Feroz Shah

32. Malwa was annexed to \_\_\_\_\_ by Allauddin Khilji in 1305.

- A) Afghanistan
- B) Lahore
- C) Damascus
- D) Delhi

33. Simon commission reached India on February \_\_\_\_\_.

- A) 1927
- B) 1930
- C) 1929
- D) 1928

34. Loed Wavell convened a conference of political parties in June 1945 in \_\_\_\_\_

- A) Delhi
- B) Simla
- C) Agra
- D) Lucknow

35. Quit India movement was launched by the congress after the failure of \_\_\_\_\_

- A) Cabinet mission
- B) Cripps mission
- C) Nehru report
- D) Simla conference

36. \_\_\_\_\_ Gave Jinnah the title of Quaid - e - Azam in 1937.

- A) Maulana Hali
- B) Maulana Mufti Mehmood
- C) Maulana Mazhar Uddin
- D) Maulana Zafar Ali Khan.

37. He asked me where I came \_\_\_\_\_ apply the correct preposition.

- A) Off
- B) With
- C) From
- D) Out

38. Humility is a fine virtue. The underlined word means.

- A) Brutality
- B) Business
- C) Kindness
- D) Gentleness

39. One of my friends intends to go abroad. The underlined word means:

- A) Thinks of
- B) Jolts down
- C) Pen down
- D) Propagate

40. He asked me \_\_\_\_\_, apply the correct clause.
- A) If I could help him
  - B) That I have lost my pen
  - C) Whether he is same
  - D) Nor he deserves
41. Of the two boys, Ali is the brighter, the sentence belongs to the tense of:
- A) Present Perfect
  - B) Present continuous
  - C) Present indefinite
  - D) Past indefinite
42. He replied that he \_\_\_\_\_, apply the correct verb.
- A) Shall come
  - B) Can come
  - C) Will come
  - D) Would come
43. Neither of them \_\_\_\_\_ present there, apply the correct verb.
- A) Need
  - B) Were
  - C) Have
  - D) Was
44. The boy who stand first will get a prize. The underlined clause is :
- A) Relative
  - B) Noun
  - C) Adverb
  - D) Principle
45. Aslam married \_\_\_\_\_ Salma. Apply the preposition.
- A) With
  - B) For
  - C) No preposition



D) To

46. He \_\_\_\_\_ to work yesterday, apply the correct verb.

A) Does not come

B) Did not come

C) Has not come

D) Will not come

47. I wish that you \_\_\_\_\_ come to the party. Apply the verb.

A) Would

B) Will

C) Shall

D) Can

48. The Indus is the largest river in Pakistan. The sentence is :

A) Interrogative

B) Exclamatory

C) Declarative

D) Imperative

49. The picture was hanged \_\_\_\_\_ the wall. Apply the correct preposition.

A) On

B) Over

C) By

D) Above

50. Sarfraz Ahmed the captain has decided to come up the order. The underlined word is :

A) Noun as preposition

B) Adverb

C) Adjective

D) Noun as Subject

51. He has refuted my ideas for nothing but jealousy. The opposite to the underlined word is

A) Muddled

- B) Spoiled
- C) Supported
- D) Adopted

52. He had rebuked her and she burst into \_\_\_\_\_. Apply the correct word:

- A) Fears
- B) Air
- C) Laughter
- D) Tears

53. They are discussing about \_\_\_\_ important issue of Kashmir, Apply the correct Article.

- A) A
- B) An
- C) Zero article
- D) The

54. If she \_\_\_\_\_ hard, she would have succeeded. Apply the correct word

- A) Works
- B) Hard worked
- C) Has Worked
- D) Worked

55. I cannot buy this book with \_\_\_\_\_ money in my pocket. Apply the correct word

- A) Little
- B) A little
- C) The little
- D) Less

56. I shall make him obey me. The underlined word is :

- A) Infinitive
- B) Helping verb
- C) Main verb
- D) Gerund

57. If she does not come to the party, she shall miss much fun. The sentence belongs to :

- A) Zero conditional
- B) 2<sup>nd</sup> conditional
- C) 1<sup>st</sup> conditional
- D) 3<sup>rd</sup> conditional

58. All my certification are attached herewith. The sentence is :

- A) Active
- B) Exclamatory
- C) Imperative
- D) Passive

59. I forbad him not to kill the dog. The underlined word mean;

- A) Stopped
- B) Allowed
- C) Facilitated
- D) Managed

60. Of the two plans, this is the \_\_\_\_\_. Apply the most appropriate word;

- A) Good
- B) All wrong
- C) Best
- D) Better

61. The teacher asked \_\_\_\_\_ had broken the chair. Apply the correct relative pronoun.

- A) That
- B) Which
- C) Who
- D) Whom

62. He encouraged his student's \_\_\_\_\_ the competition. Supply the correct verbs.

- A) Win
- B) Winning
- C) To win
- D) Won

63. Pakistan \_\_\_\_ the last match by an inning. Apply the correct verb;
- A) Loss
  - B) Loses
  - C) Has lost
  - D) Lose
64. The books lying on the desk are not theirs. The underlined word is ;
- A) Adjective
  - B) Adverb
  - C) Pronoun
  - D) Verb
65. He asked how it had hurt the plan. the underlined clause is;
- A) Relative
  - B) Adjective
  - C) Noun
  - D) Adverb
66. I shall not help you \_\_\_\_\_ you do not promise to act upon my advice. Apply the correct conjunction.
- A) Lest
  - B) Unless
  - C) Till
  - D) If
67. Each lung consist of around \_\_\_\_\_ million alveoli.
- A) 100
  - B) 300
  - C) 700
  - D) 500
68. Valency of Aluminium is \_\_\_\_\_
- A) 1
  - B) 3

- C) 2
- D) 4

69. What is the value of  $\operatorname{Cosec} 30^\circ$ ?

- A) Square root of 2
- B) 2
- C) 1
- D)  $\frac{1}{2}$

70. Which of the following assume to be true without any proof?

- A) Given
- B) Theorem
- C) Basic assumption
- D) To prove.

71. If two lines intersect each other, then the sum of four angles will be \_\_\_\_

- A) 90
- B) 180
- C) 270
- D) 360

72. Pythagoras was \_\_\_\_\_ mathematician.

- A) Greek
- B) Latin
- C) English
- D) German

73. Lateral area of right circular cone is \_\_\_\_

- A)  $\pi r^2$
- B)  $\pi r l$
- C)  $\pi r (r+l)$
- D)  $2\pi r^2$

74. Which triangle is said to be regular polygon?

- A) Isosceles

- B) Scalene
- C) Equilateral
- D) Right-angled

**75.** What is constructivism?

- A) Learning theory
- B) Motive theory
- C) Functional theory
- D) Vocational theory

**76.** The practical aspect of the ideology of society is \_\_\_\_\_

- A) Family
- B) State
- C) Community
- D) Education

**77.** Which of the following trait is not concerned with measurement?

- A) Comparison
- B) Quantity
- C) Number
- D) Standard

**78.** The process of curriculum development s continuous and \_\_\_\_\_

- A) Regular
- B) Conical
- C) Informative
- D) Whirling

**79.** Which of the following is the most authentic source of knowledge?

- A) Revelation
- B) Experience
- C) Sensation
- D) Intuition.

**80.** Which of the following knowledge is restricted to the material word?

- A) Revealed knowledge
- B) Scientific knowledge
- C) Intuitive knowledge
- D) Rational Knowledge

**81.** Who said “education is the process of training man to fulfil his aims by exercising all the faculties to the fullest extent as a member of society. This aim is discovered by intellect and by his freewill”

- A) Plato
- B) Aristotle
- C) Ghazali
- D) Huxley

**82.** A significant foundation of philosophy education is \_\_\_\_\_

- A) Epistemology
- B) Axiology C)
- Ontology D)
- All of them

**83.** The most important element of education system is \_\_\_\_\_

- A) Aims of education
- B) Curriculum
- C) Instructional strategy
- D) Examination

What is the synonym of pedagogy?

- A) Human
- B) Knowledge
- C) Learning
- D) Teaching

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- F) Maulana Mufti Mehmood
- G) Maulana Mazhar Uddin
- H) Maulana Zafar Ali Khan.

97. Khwaja Farid Uddin was the grandfather of \_\_\_\_\_

- A) Maulana Hali
- B) Sir syed Ahmed Khan
- C) Allama Iqbal
- D) Tameez Uddin

98. Potwar plateau is situated in between \_\_\_\_\_ hills in north and plain area of Punjab  
inn south

- A) Simla
- B) Kala Chitta
- C) Murree
- D) Margallah

99. The shaded point of the venn diagram represents \_\_\_\_\_

- A) P-Q

100. Reciprocal of  $\frac{3}{4} \div \frac{3}{5}$  is \_\_\_\_\_

- A)  $\frac{3}{5} \div \frac{4}{3}$
- B)  $-\frac{3}{3} \div \frac{4}{5}$
- C)  $\frac{19}{5}$
- D)  $\frac{5}{19}$

101. Which of the following substances is used in matches due to it burning property?

- A) Carbon
- B) Silicon
- C) Phosphorous
- D) Chlorine

102. Which of the following inert gas is used in electric light bulbs?

- A) Helium
- B) Argon
- C) Neon
- D) Xenon

**103.** The substance whose solubility decreases with rise in temperature is \_\_\_\_\_

- A) Calcium oxide
- B) Sodium chloride
- C) Potassium nitrate
- D) Calcium chloride

**104.** Artificial satellites used for wildfire protection are \_\_\_\_\_ satellites

- A) Geostationary
- B) Communication
- C) Polar
- D) Landsat

**105.** The speed of sound in water is \_\_\_\_\_

- A) 332 m/s
- B) 340 m/s
- C) 1525 m/s
- D) 5130 m/s

**106.** Image formed by a pinhole camera is \_\_\_\_\_

- A) Upright
- B) Horizontal
- C) Inverted
- D) Skewed

**107.** The refractive index of water is \_\_\_\_\_

- A) 1.31
- B) 1.33
- C) 1.50
- D) 1.52

- 108.** In an electric circuit, the fuse work on the\_\_\_\_\_ effect of current
- A) Heating
  - B) Magnetic
  - C) Cooling
  - D) All of these
- 109.** Which optical device is used to observe the sun?
- A) Sun glasses
  - B) Scuba glasses
  - C) Night vision glasses
  - D) Eclipse glasses
- 110.** Audible frequency range of human is \_\_\_\_\_
- A) 20-20000 Hz
  - B) 20-3000 Hz
  - C) 23-390 Hz
  - D) 20 -10000 Hz
- 111.** The major environmental issue caused by chemical fertilizers is \_\_\_\_\_
- A) Ground water pollution
  - B) Crop manage
  - C) Air pollution
  - D) Greenhouse effect
- 112.** Tick the radioactive hydrogen symbol
- A) H
  - B) D
  - C) T
  - D) R
- 113.** An animal with chemical defence is \_\_\_\_\_ -
- A) Earth worm
  - B) Scorpion
  - C) Snail

D) Star sea

**114.** Which of the following is an integral component of modern electronic with energy efficiency equally significant cost saving?

A) CRT

B) LCD

C) LED

D) All of these

**115.** Molecular vector for genetic engineering is \_\_\_\_\_

A) Plasmodium

B) Prions

C) Plasmid

D) All of these

**116.** Incomplete combustion of coal results in production of \_\_\_\_\_

A) CO gas

B) CO<sub>2</sub> gas

C) NH<sub>3</sub> gas

D) CFCS

**117.** In humans, breathing rate is controlled by \_\_\_\_\_

A) Cerebrum

B) Cerebellum

C) Pons

D) Medulla oblongata

**118.** The increase in the volume of water as its temperature decreases from 40C to 0oc is called \_\_\_\_\_

A) Thermal expansion

B) Geometric expulsion

C) Anomalous expansion

D) All of these

**119.** The symbol for intensity of light is \_\_\_\_\_

- A) Cd
- B) A
- C) K
- D) C

**120.** The break of vehicles work on the principle of \_\_\_\_\_

- A) Boyle's law
- B) Newton 3<sup>rd</sup> law of motion
- C) Charles law
- D) Pascal law.

**121.** \_\_\_\_\_% of the earth surface is covered by water.

- A) 17
- B) 71
- C) 57
- D) 99

**122.** Harrapa is located in district \_\_\_\_\_

- A) Larkana
- B) Haripur
- C) Sahiwal
- D) Loralai

**123.** \_\_\_\_\_ is the most superior caste of all the factions.

- A) Wesh
- B) Khashtri
- C) Brahmans
- D) Shooders

**124.** The upper most solid layer of the earth on which we live is called \_\_\_\_\_

- A) Hydrosphere
- B) Lithosphere
- C) Biosphere

D) Atmosphere

**125.** Simla delegation met \_\_\_\_\_ in October 1906 and presented the demands of the Muslims.

A) Lord Curzon

B) Lord Minto

C) Lord Wavell

D) Lord mount batten

**126.** Nadvat ul Ulema was founded in \_\_\_\_\_ in 1894

A) Larkana

B) Lucknow

C) Ali Garh

D) Delhi

**127.** The word map has been derived from the Latin word \_\_\_\_\_ which means a table cloth or cloth cover

A) Maple

B) Maploon

C) Mappa

D) Mapyoo

**128.** \_\_\_\_\_ is the third largest ocean of the world.

A) Atlantic ocean

B) Indian Ocean

C) Arctic Ocean

D) Pacific Ocean

**129.** Reshmi Romal movement was launched by \_\_\_\_\_ in 1915

A) Maulana Mufti Mehmood

B) Maulana Mehmood ul Hassan

C) Maulana Zafar Ali khan

D) Maulana Sibli Naumani

130. Quaid e Azam became member of the Muslim league in \_\_\_\_\_
- A) 106
  - B) 1909
  - C) 1913
  - D) 1920
131. Tsunami is a japense word which means \_\_\_\_\_
- A) Route of water
  - B) Wall of water
  - C) Speed of water
  - D) Sound of water
132. Nitrogen is the most important gas and accounts for about \_\_\_\_\_ by the volume of atmosphere gases.
- A) 21%
  - B) 0.93%
  - C) 78.1%
  - D) 0.03%
133. \_\_\_\_\_ is an important and a big cash crop of Pakistan
- A) Millet
  - B) Brain
  - C) Cotton
  - D) Maize
134. Pakistan produces only \_\_\_\_\_ % crude oil of its needs
- A) 12%
  - B) 80%
  - C) 52%
  - D) 20%
135. Sultam Mehmood Ghazanavi was the son of \_\_\_\_\_ the king of Ghazni.
- A) Shahab Ud Din Ghauri
  - B) Ibrahim Lodhi



- C) Shah Jehan
- D) Subuk Tagin

**136.** If a coin is flipped then the probability to get a head is

- A)  $\frac{1}{2}$
- B) 1
- C) 0
- D)  $\frac{2}{5}$

**137.** The sum of protons and neutrons is called :

- A) Atomic number
- B) Group number
- C) Mass Number
- D) Valency number

**138.** Pinworm is

- A) Earthworm
- B) Flatworm
- C) Roundworm
- D) Lungworm

**139.** Amphibian have \_\_\_\_\_ chamber heart

- A) 2
- B) 3
- C) 4
- D) 5

**140.** Which from the following is NOT among the five sense?

- A) Vision
- B) Touch
- C) Smell
- D) Thought

**141.** The house at Mohenjo Daro were made of:

- A) Fire bricks
- B) Mud bricks
- C) Stones
- D) Wood

142. The people of \_\_\_\_\_ were peaceful farmers.

- A) Indus valley
- B) Sub-continent
- C) Mohenjo Daro
- D) Harapa

143. \_\_\_\_\_ was a Muslim commander in the state of Mysore.

- A) Akbar
- B) Haider Ali
- C) Sher khan
- D) Muhammad Bin Qasim

144. As student we should be concerned \_\_\_\_\_ environmental changes.

- A) Upon
- B) For
- C) About
- D) At

145. During a physical change, the chemical composition of the substance :

- A) Changes
- B) Temporarily changes
- C) Permanently changes
- D) Does not change.

146. Which of the following is soluble in water?

- A) Sand
- B) Chalk dust
- C) Sodium chloride
- D) Wax

- 147.** Navigational satellite pinpoints the location of object on:
- A) Mars
  - B) Sun
  - C) Moon
  - D) Earth
- 148.** Vertically developed clouds are about \_\_\_\_\_ meters above sea level.
- A) 2000 to 4000
  - B) 6000 to 8000
  - C) 8000 to 9000
  - D) 1000 to 12000
- The temperature decreased by \_\_\_\_\_ degree centigrade at every thousand meter height.
- A) 3.5
  - B) 6.5
  - C) 4.5
  - D) 5.5
- 149.** After the battle of \_\_\_\_\_ in 1783 AD, the talpurs ended kalhora rule and captured their powers.
- A) Palssey
  - B) Halani
  - C) Paniput
  - D) Malwa
- 150.** The first person who used the technology of firin projectiles through cannons was \_\_
- A) Ibrahim Lodhi
  - B) Zaheer Ud Din baber
  - C) Naseer Ud Din Muhammad Humayun
  - D) Sher shah suri
- 151.** Ancestor of Noor jahan came from \_\_\_\_\_

- A) Persia
- B) Turk
- C) China
- D) Afghanistan

**152.** Who became famous by the title of “ Bikrema” jeet “?

- A) Chandargupta 1
- B) Chandargupta 2
- C) Samurgupta
- D) Kumaragupta

**153.** Identify the parts of digestive system?

- A) Salivary glands, esophagus , large intestine , lungs, gallbladder
- B) Salivary glands, esophagus , large intestine , kidney, gallbladder
- C) Salivary glands, esophagus , large intestine , colons, gallbladder
- D) Salivary glands, esophagus , large intestine , nephron, gallbladder

**154.** In \_\_\_\_\_ the official status of Persian was abolished and English was adopted as official language.

- A) 1833 AD
- B) 1834 AD
- C) 1835 AD
- D) 1836 AD

**155.** The peoples of Indus valley civilization used a supreme system of writing which had \_\_\_\_ symbols.

- A) 400
- B) 300
- C) 200
- D) 100

**156.** The climate of plains favour's the growth of broad leaved forests along the river banks which are known as \_\_\_\_\_

- A) Alpines forests

- B) Mangrove forests
- C) Dry forests
- D) Bela forests

**157.** The annual amount of rain fall in Pakistan is less than

- A) 10 centimetres
- B) 15 centimetres
- C) 20 centimetres
- D) 25 centimetres

**158.** Major obstacle for social, political, and economical progress of a country is \_\_\_\_\_

- A) Lack of educational institutions
- B) Lack of economic institutions
- C) Outdated political parties
- D) Outdated judicial system

**159.** The collection and delivery of official letters was the responsibility of \_\_\_\_\_ during Mughal empire

- A) Mir Bakhshi
- B) Diwan Bureed
- C) Mir Saman
- D) Mir Atish.

**160.** "Gangas family" ruled \_\_\_\_\_ state which was far away from delhi.

- A) Rajputana
- B) Khandesh
- C) Orrisa
- D) Weijanagar

**161.** The leather of parsi community jamshed Nusser wangee Mehta beame the mayor of \_\_\_\_\_ after the establishment of Pakistan.

- A) Punjab

- B) Lahore
- C) Karachi
- D) Sindh

**162.** Which of the following tools is used to measure temperature?

- A) Scale
- B) Thermometer
- C) Conductor
- D) Friction

**163.** Electrical fire alarm works on the principle of \_\_\_\_\_ and its detection.

- A) Contradiction
- B) Heat transfer
- C) Expansion
- D) Convection

The electrical device that converts AC to DC is called as:

- A) Rectifier
- B) Filter
- C) Transistor
- D) Integrated Circuit

**164.** Clothes of which of the following colors are worn in hot climate because of good reflector and poor absorbance?

- A) Red
- B) Black
- C) Green
- D) White

**165.** Which of the following is NOT a form of energy?

- A) Heat
- B) Lamp
- C) Sound
- D) Light

- 166.** The first artificial satellites were launched in :
- A) 1957
  - B) 1994
  - C) 1957
  - D) 1705
- 167.** Global warming is mainly due to the release of gasses like \_\_\_\_\_ which produces greenhouse effects.
- A) Oxides of Sulfer
  - B) Oxides of nitrogen
  - C) Carbon dioxide and methane
  - D) Carbon monoxide
- 168.** What organelle does a plant cell have that an animal cell does not have, that supports the cell and is the outermost layer?
- A) Cell membrane
  - B) Nuclear membrane
  - C) Plasma membrane
  - D) Cell wall.
- 169.** In higher plants roots hairs, primarily :
- A) Decrease the surface to area ratio for absorption
  - B) Increase the surface to area ratio for absorption
  - C) Increase the number of palisade cells to trap light energy
  - D) Increase the stomata to evaporate more water
- 170.** In higher plants, root pressure and capillary action , are mainly responsible for the development of:
- A) Active transport
  - B) Transpiration system
  - C) Food chain
  - D) Lenticels
- 171.** Blood tend to flow in pulses when it passes thorough :

- A) Arteries
- B) Capillaries
- C) Veins
- D) Brain

**172.** The immediate product formed by the anaerobic respiration in humans, is :

- A) Carbon dioxide
- B) Lactic acid
- C) Glucose
- D) Sucros