

- 1) The accessory gland of male reproductive system that contain citrate as nutrient source is:
 A) Prostate gland [Correct]
 B) Cowper's gland
 C) Bulbourethral gland
 D) Seminal gland
- 2) The type of taste receptors that is found all over the tongue giving it a rough look is:
 A) Filiform papillae [Correct]
 B) Fungiform papillae
 C) Foliate papillae
 D) Circumvallate papillae
- 3) The type of glial cell that is particularly responsible for the production of myelin sheath and surrounds axon is:
 A) Dendrocytes
 B) Astrocytes
 C) Schwann cells [Correct]
 D) Ependymal cells
- 4) Chlorine dissolves in water to some extent to give a pale:
 A) Yellow solution
 B) Blue solution
 C) Green solution [Correct]
 D) Violet solution
- 5) Which one of the following elements forms peroxides when heated with excess of air or oxygen?
 A) Lithium
 B) Sodium [Correct]
 C) Rubidium
 D) Caesium
- 6) Atomic number of Chromium (Cr) is 24. Which of the following is its stable electronic configuration?
 A) [Ar], $4s^2,3d^4$
 B) [Ar], $4s^1,3d^5$ [Correct]
 C) [Ar], $4s^1,3d^4,5s^1$
 D) [Ar], $4s^0,3d^6$
- 7) Which of the following is the incorrect way of writing units?
 A) 21 newton
 B) 35 N
 C) 43 kg m^{-3}
 D) 51 Joule [Correct]
- 8) In the Cartesian coordinate system, the effective value of a vector in a particular direction is called ____ of a vector.
 A) Magnitude
 B) Resolution
 C) Component [Correct]
 D) Direction
- 9) What type of forces are acting on a body when their lines of action pass through a common point.
 A) Coplanar forces
 B) Concurrent forces [Correct]
 C) Parallel forces
 D) Perpendicular forces
- 10) A ladder is 13m long and reaches the top of a wall. If the distance between the wall and the foot of the ladder is 5m, find the height of the wall.
 A) 8m
 B) 10m
 C) 12m [Correct]
 D) 14m
- 11) The sum of the angles of the triangle is:
 A) 90°
 B) 180° [Correct]
 C) 270°
 D) 360°
- 12) Find the arc length if the radius of the circle is 6cm and the central angle is 30° .
 A) 3.14cm [Correct]
 B) 2.09cm
 C) 4.21cm
 D) 5.6cm
- Read the passage below and answer **Q13-14**
DIRECTION: My grandfather has a lot of respect in our community. He is the owner of a bakery called "The Family Bread Factory." The bakery has been his profession since he was young. He started working there at the age of 13. He learned many recipes. The most delicious and secret recipe uses oatmeal and other ingredients that only he knows. This bread made him famous. Nowadays, he makes some bread only once in a while because his legs bother him, and he gets tired easily. Instead, he sits at a table, and the people of the town come to buy bread and to pay their respect. Everyone admires him very much because he is an honest and hardworking man.
- 13) It can be concluded from the paragraph that:
 A) baking is a noble profession.
 B) hard work pays off. [Correct]
 C) a baker must be a good cook.
 D) people regard your profession more than your hard work.
- 14) The sentence "The bakery has been his profession since he was young" indicates:
 A) simple present tense
 B) present perfect tense
 C) present perfect continuous tense [Correct]
 D) simple past tense

- 15) He can play the banjo and ____.
- A) so can I [Correct]
 - B) I can so.
 - C) I will too.
 - D) I too can.
- 16) I believe ____ your story.
- A) on
 - B) of
 - C) in [Correct]
 - D) over
- 17) We stopped ____ because we were tired.
- A) to study
 - B) studied
 - C) study
 - D) studying [Correct]
- 18) The opposite of "assent" is:
- A) dissent [Correct]
 - B) diverse
 - C) carefree
 - D) vicious
- 19) BINDING: BOOK
[Find a similar relationship as the words in capitals]
- A) artist: painting
 - B) nail: hammer
 - C) frame: picture [Correct]
 - D) police: criminals
- 20) FLEET : SHIPS
[Find a similar relationship as the words in capitals]
- A) gang: robbers [Correct]
 - B) flock: cattle
 - C) team: soldiers
 - D) army: trees