SESSION 2019-20 CLASS-7

SECTION - A (ENGLISH)

1. Fill in the blank with a suitable verb.
The hot weather_____his health.
(A) affected   (B) has affected
(C) effected   (D) has effected

2. Give one word substitution for the expression given below.
A child who stays away from school without any good reason
(A) Vagabond   (B) Delinquent
(C) Schizophrenic   (D) Truant

3. Fill in the blank with a suitable prepositions.
He doesn't know how to look _____a word in the dictionary.
(A) on   (B) up
(C) to   (D) for

4. Convert given sentence into a simple one.
He is not only a poet, but he is also a philosopher.
(A) Not only he a poet, but also a philosopher
(B) He is not only a poet, but also a philosopher
(C) He is both a poet and also a philosopher
(D) He is a poet and a philosopher

5. Which one of the following sentence grammatically correct?
(A) Each employee and every directory
(B) Each and every director is invited
(C) Each employee and director is invited
(D) Each employee and every director is invited.

6. Find the antonym of the given word : *AUGMENT*
(A) Prohibit   (B) Decrease
(C) Surpass   (D) Compensate

7. Change the voice. *Make room for him.*
(A) It is requested to make room for him.
(B) For him, room should be made.
(C) it is sure that room will be made for him
(D) let room be made for him

8. Choose the appropriate idiom.
The teacher approved her project after she had_____it
(A) fine turned   (B) fine tuned
(C) tinkered with   (D) refining

9. Fill in the blank.
My diamond mines are _____in South Africa.
(A) Situation   (B) Situate
(C) Situated   (D) Situation

10. In which sentence is the word 'to' correctly used?
(A) The watermelon is to heavy   (B) Hold it with to hands
(C) It is very slippery to   (D) Well, hand it to me

SECTION - B (MATHS)

1. If 47.2506 = 4A+7/B + 2C + , then the value of 5A + 3B + 6C + D + 3E is
(A) 53.6003   (B) 53.603
(C) 153.6003   (D) 213.0003

2. The present ages of peter & Jony are in the ratio of 4 :3, four years later, their ages will be in the ratio of 6 :5. What is their present ages?
(A) 8 & 9 Yrs   (B) 6 & 9 Yrs
(C) 8 & 6 Yrs   (D) 5 & 9 Yrs

3. if CE is parallel to DB in the given figure then value of x will be_____

(A) 45   (B) 75   (C) 30   (D) 85

4. The compound interest on a sum for 2 years at 12% per annum is Rs. 510. What would the simple interest on the same sum at the same rate for the same period.
(A) Rs. 400   (B) Rs. 450
(C) Rs. 460   (D) Rs. 481.13

5. Find the perimeter of the following figure which is a semicircle including its diameter. (Take =3.147)

(A) 25m   (B) 20m   (C) 25.7m   (D)20.7m

6. Radii of two concentric circle are 4 cm and 3 cm respectively. Find the area enclosed between two circles.
(A) 98 cm   (B) 188 cm   (C) 22 cm   (D) 99 cm

7. Sofia started walking straight towards South. She Walked a distance of 15 m and then took a left turn and walked a distance of 30 m Then she took a right turn and walked a distance of 15 m again. Sofia is facing in Which direction?
(A) North - East   (B) South
(C) North   (D) South - West

8. Find the number at the place of question mark.

(A) 72   (B) 70   (C) 68   (D) 66

9. Find the value of x so that 2 = 4
(A) 3/2   (B) 1   (C) 2   (D) 1/2

10. The graph given below represents the population (in lakhs) of some cities. Which city has minimum population ?

(A) A   (B) B   (C) C (D) D

SECTION - C (SCIENCE)

1. Which one of the following is the symbol of an electric bulb?
(A)   (B)
(C)   (D)

2. Look at the following graph:

The above graph shows that the object is at/in:
(A) Rest   (B) Motion
(C) Uniform Motion   (D) Uniform acceleration

3. A clinical thermometere has kink in its tube. What function does it prform?
(A) It prevents mercury from coming out of bulb
(B) It prevents back flow of mercury into the bulb
(C) It helps in connecting the mercury tube with the bulb
(D) All of these

4. In the autotrophic mode of nutrition:
(A) food is prepared from simple inorgaphic substances by the process of photosynthesis
(B) food is obtained from dead and decaying organic substances
(C) food is obtain from green plants
(D) food is obtained from the host

5. Name the blood cells which carry oxygen in our body.
(A) RBC   (B) WBC
(C) Blood platelets (D) Antigen

6. Which one of the following statement is correct?
Statement A: The higher the electrical resistance of a material, the greater is the heat produced when current passes through it.
Statement B: The higher the electrical resistance of a material, the lower is the heat produced when current passes through it.
(A) Statement A is true   (B) Statement B is true
(C) Both statement A and B are true
(D) Both statement A and B are false

7. In the following table, few activities are given:

Number	Activity
1.	Melting of ice
2.	Decomposition of leaves
3.	Burning of wood
4.	Evaporation of water
5.	Digesting of foods
6.	Spoiling of food
7.	Painting of wooden box

Which of the preceding activities involve chemical change?
(A) Activities 1,2,3,5
(B) Activities 2,3,4,5
(C) Activities 2,3,4,6
(D) Activities 2,3,5,6

8. An atom gets charged due to:?
(A) Transfer of proton   (B) Transfer of neutron
(C) Transfer of electron   (D) Transfer of nucleus

9. If a ball is thrown verically upwards in the moving train, what will happen
(A) Ball returns to the thrower
(B) Ball does not return to the thrower
(C) Ball moves in the direction of train
(D) Ball moves in opposite direction of train

10. Name of the part of the flower, which has been represented by the latter A.

(A) Anther
(B) Stigma
(C) Filament
(D) Style

SECTION - D (G.K)

1. The first world war was continued for 4 years. Which one of the following represents the actual duration of First World War?
(A) 1914 - 1918
(B) 1915 - 1919
(C) 1913 - 1917
(D) 1916 - 1920

2. What is the full form of NDMA??
(A) National Disaster Managing Authority
(B) National Destruction Management Authority
(C) National Disaster Management Authority
(D) National Disaster Managing Association

3. Who form the government of India?
(A) Large party   (B) Largest alliance
(C) Party of parties having majority in the parliament
(D) Party of parties having minority in the parliament

4. Bombay high is a place of great economic importance for India. For What reason, this place has great importance in Indian economy?

(A) Because it is near Mumbai
(B) Because it is offshore oil field of India
(C) Because it is big port of india
(D) All of these

5. Archery is the national sport of which country?
(A) Bhutan
(B) Japan
(C) Italy
(D) all of these

6. The Lahore session of congress has great importance in the history of Indian freedom struggle. What significant resolution did the congress take in this session?
(A) The resolution of complete independance
(B) The resolution of Boycott movement
(C) The resolution of unification of Congress
(D) The resolution of unification with Muslim league

7. Which one of the following is the deepest trench in the world?
(A) New Herbrides Trench
(B) Yap Trench
(C) Aleutian Trench
(D) Marina Trench

8. Which one of the following countries did host the men's FIFA Football World Cup 2018?
(A) Russia
(B) Spain
(C) France
(D) Brazil

9. Given below are the facts about the Constitution of India?
1. Constitution can be amended.
2. Constitutions can not be amended.
3. During emergency Fundamental Rights can be withdrawn.
4. Fundamental Rights can never be withdrawn.
Which one of the following is correct?
(A) 1, 2   (B) 2 ,3
(C) 3, 4   (D) 1, 3

10. He was a Scottish inventor and engineer who was a pioneer in the development of mechanical television. In 1924, he televised objects in outline. In 1925, he televised human faces. In 1926, he was the first person to televise pictures of objects in motion. Who was he?
(A) John Logie Baird
(B) Tim Berners - Lee
(C) Alexander graham Bell
(D) Chester Floyd Carison

SECTION - E (MENTAL ABILITY & REASONING)

1. Select the pair which is related in the same way as the pair of words given in the question.
Destroy : Construct ::_____:_____
(A) War : Peace
(B) Father : Son
(C) Soldier : Regiment
(D) Eye : Camera

2. Replace the question mark with suitable option.
Month :30: : Leap Year:?
(A) 367
(B) 365
(C) 368
(D) 366

3. Seema is the wife of Gopi and Gopi is the brother of Akhil. Akhil is the only uncle of vijay. What is Vijay's relation with seema?
(A) Son
(B) Nephew
(C) Brother-in-low
(D) Brother

4. Replace the question mark in the given letter series with the correct option.
U R P M K?
(A) G
(B) E
(C) H
(D) F

5. In the given series, some letters are missing. Select the correct alternative.
a ab ab bc ba cab
(A) acaba
(B) bacab
(C) bcabc
(D) bcaab

6. Choose the one which does not belong to the group.
(A) 189
(B) 369
(C) 279
(D) 159

7. Suganya went to see a movie nine day ago. She goes to the movies only on Thursday. What day of the week is today.
(A) Tuesday
(B) Thursday
(C) Friday
(D) Saturday

8. if 'NSCAIR' is coded as 'RIACSN', then the code for 'CREATE' will be:
(A) AETERC
(B) ETAERC
(C) ETAECR
(D) TEAERC

9. Hoe many lines of symmetry does the following figure has?
(A) 4
(B) 5
(C) 6
(D) 7

10. A walk 4Km North and turns right and walks 5Km. then he towards South and walks 2Km. Again he turns towards West and walks 3Km and rests. Again he walks 2Km. How far is A now from his initial point?

(A) 16Km
(B) 12Km
(C) 2Km
(D) 4 Km