

CBT 6 QA & FEEDBACK JANUARY

ENGLISH

1. Yoga helps to improve our _____

- a) health
- b) stress
- c) wealth
- d) value

Ans: a) health

Explanation: Yoga helps in many ways to improve our health.

2. Yoga asanas help to:

- a) calm the mind
- b) increase flexibility endurance and balance
- c) reduce stress and anxiety
- d) reduce eyesight

Ans: b) increase flexibility endurance and balance

Explanation: Asanas increase flexibility.

3. The picture given below is the logo of:

- a) Asana Rebel
- b) 5 minute yoga
- c) WHO m YOGA
- d) Teack Yoga

Ans: c) WHO m YOGA

Explanation: WHO mYOGA is an app for public to learn and practice yoga.

4. Ek Bharat, Shreshtha Bharat gives the message that _____

- a) guests are like God
- b) truth alone triumphs

c) do or die

d) we all belong to one nation

Ans: d) we all belong to one nation

Explanation: Ek Bharat Shreshtha Bharat aims to celebrate Unity in Diversity.

5. _____ is a 4000 year old metal craft from Odisha.

a) Aipan

b) Dhokra

c) Kamrupi

d) Bidri craft

Ans: b) Dhokra

Explanation: Dhokra is originated in Odisha

Read the given passage and answer the questions:

India is a well known country of oldest civilization in the world where people of many ethnic groups live together for years. India is a country of diverse civilization where people used almost 1650 spoken languages and dialects according to their religion and choice. In spite of being related to different cultures, traditions, religions, and languages, people here respect each other and live together with lots of love and a feeling of brotherhood.

People living here and there all over the Indian land are joined together by one faith of brotherhood. Unity in Diversity has been one of the great characteristic of our nation, which has bind people of all religions together in one bond of humanity.

6. What do you mean by ethnic groups?

a) community of people who share common cultural background

b) community of people who look very attractive

c) community of people who are very rich

d) community of people who speak only English

Ans: a) community of people who share common cultural background

Explanation: Ethnic group is a group of people who identify with each other on the basis of perceived shared attributes.

7. What joins people living all over the Indian land?

a) Language

- b) Religion
- c) Brotherhood
- d) Faith

Ans: c) Brotherhood

Explanation: people of India are commonly joined by the feeling of brotherhood.

8. _____ has been one of the great characteristics of our nation which has bind people.

- a) Satyamev Jayate
- b) Unity in Diversity
- c) Jay Jawan Jay Kisan
- d) Atithi Devo Bhava

Ans: b) Unity in Diversity

Explanation: India displays the quality of unity in diversity.

9. Select a word which mean the same as 'a particular form of a language which is peculiar to a specific region'.

- a) Dialect
- b) Secular
- c) Culture
- d) Teadition

Ans: a) Dialect

Explanation: direct is the regional variety of a language

10. In spite of different cultures, traditions, religions and languages people in India _____ each other.

- a) hate
- b) respect
- c) despise
- d) demoralise

Ans: b) respect

Explanation: people in India respect each other's differences.

MATHS

Fraction, Construction

Q1)

A _____ is a simple closed curve all of whose points are at the same distance from a fixed point.

- (a) circle (b) diameter (c) radius (d) none of these

Ans: (a)

Feedback: Concept

Q2)

A _____ is the longest chord of a circle.

- (a) circle (b) diameter (c) radius (d) none of these

Ans: (b)

Feedback: Concept

Q3)

The line segment forming a polygon are called _____.

- (a) Vertex (b) sides (c) angle (d) curve

Ans: (b)

Feedback: Concept

Q4)

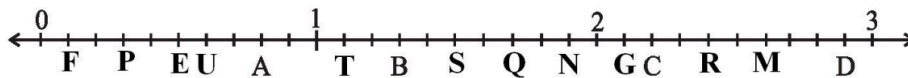
Number of lines which can be drawn from one point:

- (a) one (b) infinite (c) two (d) zero

Ans: (b)

Feedback: Concept

The points on the number line are shown in below number line. Answer the following question



Q5)

Write the decimal number represented by the points G on the given number line.

- a) 2.1 b) 2.2 c) 2.4 d) 2.6

Ans: (a)

Feedback: Concept

Q6)

Write the decimal number represented by the points C on the given number line.

- a) 2.1 b) 2.2 c) 2.4 d) 2.6

Ans: (b)

Feedback: Concept

Q7)

Which of the following pair of fractions are equivalent

(a) $\frac{5}{9}, \frac{30}{54}$

(b) $\frac{3}{10}, \frac{12}{50}$

(c) $\frac{7}{13}, \frac{5}{11}$

(d) $\frac{8}{7}, \frac{16}{21}$

Ans: (b)

Feedback: Comparative analysis

Q8)

Which of the following is a largest fraction

(a) $\frac{4}{5}$

(b) $\frac{5}{6}$

(c) $\frac{5}{3}$

(d) $\frac{5}{2}$

Ans: (d)

Feedback: Comparative analysis

Q9)

The sum of the fraction $\frac{1}{18}$ and $\frac{1}{18}$ is given by

(a) $\frac{1}{18}$

(b) $\frac{1}{9}$

(c) $\frac{2}{36}$

(d) $\frac{36}{18}$

Ans: (b)

Feedback: Application

Q10)

Shubham painted $\frac{2}{3}$ of the wall and his sister painted $\frac{1}{3}$ of the wall space. How much did they paint together?

(a) $\frac{2}{3}$

(b) $\frac{1}{3}$

(c) 1

(d) $\frac{1}{2}$

Ans: (c)

Feedback: Application

SCIENCE

CASE 1

Living creatures come in many forms, but they all share some common characteristics that make them unique. For instance, animals, plants, and even tiny microbes need energy to grow and stay alive. Animals often move to find food and shelter, while plants stay in one place and use sunlight to make their own food through a process called photosynthesis. Another important characteristic is that living creatures can reproduce, creating new offspring to continue their species. They also respond to changes in their environment, like

animals seeking shade on a hot day or plants growing towards sunlight. All these traits help living organisms adapt to their surroundings and thrive in various conditions.

1) In Cactus plant ----- are reduced to spines

- (a) Leaves
- (b) Flowers
- (c) Roots
- (d) Stem

Answer: (a)

Feedback: In Cactus plant leaves are reduced to spines to reduce the loss of water through transpiration.

2) Living component of a habitat is called as-----

- (a) Abiotic
- (b) Aquatic
- (c) Biotic
- (d) Amphibious

Answer: (c)

Feedback: Biotic components are all the living things in an ecosystem.

3) Anything which produces a response in an organism is called as-----

- (a) Life cycle
- (b) Adaptation
- (c) Stimulus
- (d) Response

Answer: (c)

Feedback: Anything which produces a response in an organism is called as Stimulus

4) The process of producing energy by the breakdown of food is called-----

- (a) Photosynthesis
- (b) Transpiration
- (c) Respiration
- (d) Reproduction

Answer: (c)

Feedback: The process of producing energy by the breakdown of food is called Respiration.

5) Living beings are characterized by all except-----

- (a) Reproduction
- (b) Locomotion
- (c) Respiration
- (d) Crystallization

Answer: (d)

Feedback: Crystallization is the process of separating solid compounds from the solution in the form of crystals.

CASE 2

All living things require air. Air is a mixture of many gases like nitrogen, oxygen, carbon dioxide and water vapour. It also contains dust particles, smoke etc. The major part of air is nitrogen. It does not support in burning of substances. Dust and smoke are produced during burning of fuel. It contains few gases and fine dust particles which are harmful for health and creates many respiratory diseases like Asthma, Chronic Obstructive Pulmonary Disease (COPD) , Acute Bronchitis etc. Oxygen is the essential part of air and for the survival of animals. Plants use carbon dioxide for the process of photosynthesis and produce oxygen. Carbon dioxide makes up small component of air around us. Any substance which burns actually consumes oxygen and produce carbon dioxide and other gases.

6) Which gas is essential for respiration in animals and burning of a substance?

- (a) Nitrogen
- (b) Oxygen
- (c) Carbon dioxide
- (d) Dust and smoke

Answer: (b)

Feedback:Oxygen gas is essential for respiration in animals and burning of a substance.

7) Plant cell synthesize their own food in presence of sunlight. Which gas is used by the plants to synthesis their own food?

- (a) Oxygen
- (b) Nitrogen
- (c) Hydrogen
- (d) Carbon dioxide

Answer: (d)

Feedback:Carbon dioxide is used for the process of photosynthesis by the plant.

8) Smoke causes

- (a) Muscle cramp
- (b) asthma
- (c) dysentery
- (d) cholera

Answer: (b)

Feedback:The smoke deposited in lungs and cause asthma.

9) The nitrogen contain in air is

- (a) 88%
- (b) 21 %
- (c) 78%
- (d) 68 %

Answer: (c)

Feedback: The percentage of Nitrogen in air is 78%.

10) Which of the following is not the property of air ?

- (a) Air is homogenous mixture of gases.
- (b) Air is highly compressible.
- (c) air exerts pressure.
- (d) Air is not a matter because it cannot be seen.

Answer: (d)

Feedback: Air is a matter.

SST

1. The real India lives in its villages. यह बयान किसने दिया था:

- (a) Dr. B.R. Ambedkar डॉ. बी.आर. अम्बेडकर
- (b) Jyotiba Phule ज्योतिबा फुले
- (c) Mahatma Gandhi महात्मा गांधी**
- (d) Vivekanand विवेकानंद

Feedback -The real India lives in its villages.The statement was given byMahatma Gandhi

2. Which of the following statement/s about village Lakshmanpur is/are correct? लक्ष्मणपुर गाँव के बारे में निम्नलिखित में से कौन सा बयान सही है।

- A. Lakshmanpur, a large village is located in the foothills of the Himalayas. लक्ष्मणपुर, एक बड़ा गाँव हिमालय की तलहटी में स्थित है।
 - B. It has 200 houses and a population of about 700, most of whom are farmers. इसमें 200 घर और लगभग 700 की आबादी है, जिनमें से अधिकांश किसान हैं।
 - C. Some have relatives serving in the armed forces. कुछ के संबंधी सशस्त्र बलों में सेवारत हैं।
 - D. A few younger villagers have migrated to the city for higher studies in IITs and IIMs. कुछ युवा ग्रामीण आईआईटी और आईआईएम में उच्च शिक्षा के लिए शहर में पलायन कर गए हैं।
- (a) A and B ए और बी
 - (b) B and C बी और सी**
 - (c) C and D सी और डी
 - (d) A, B and D ए, बी और डी

Feed back -Lakshmanpur has 200 houses and a population of about 700, most of whom are farmers. Some have relatives serving in the armed forces.

3. The members of the gram panchayat are generally elected for a term of: ग्राम पंचायत के सदस्यों को आमतौर पर कितने वर्षों की अवधि के लिए चुना जाता है:

- (a) 1 year 1 वर्ष
- (b) No fixed term कोई निश्चित अवधि नहीं
- (c) 5 years 5 वर्ष**
- (d) 4 years 4 वर्ष

Feedback -The members of the gram panchayat are generally elected for a term of 5 Years.

4. The _____ is an ancient text written by Kautilya. कौटिल्य द्वारा लिखित प्राचीन पाठ्य है:

- (a) Ramayana रामायण
- (b) Gita गीता
- (c) Young India यंग इंडिया
- (d) Arthashastra अर्थशास्त्र**

Feed back -.Arthashastra is an ancient text written by Kautilya

5. Which of these is a tertiary activity? निम्नलिखित में से कौन सी तृतीयक गतिविधि है:

- (a) Manufacturing of computers कंप्यूटरों का निर्माण
- (b) Fisherman catching fish मछुआरे मछली पकड़ना
- (c) Construction of a house एक घर का निर्माण
- (d) Repairing of computers कंप्यूटरों की मरम्मत**

Feedback -Repairing of computers is a tertiary activity.

6. What is the full form of AMUL? अमूल का पूर्ण रूप क्या है:

- (a) Anand Milk Union Limited आनंद मिल्क यूनियन लिमिटेड**
- (b) Amar Milk Union Limited अमर मिल्क यूनियन लिमिटेड
- (c) Amul Milk Cake Union Limited अमूल मिल्क केक यूनियन लिमिटेड
- (d) Amar Mangoes Union Limited अमर आम यूनियन लिमिटेड

Feedback - The full form of AMUL is Anand Milk Union Limited .

7. Goods and services that are produced in one country and sold to buyers in another country are called: एक देश में उत्पादित और दूसरे देश में खरीदारों को बेचे जाने वाले सामान और सेवाएं कहलाती हैं:

- (a) Imports आयात

(b) Non-economic goods गैर-आर्थिक वस्तुएं

(c) Exports निर्यात

(d) Non-economic services गैर-आर्थिक सेवाएं Feedback -Construction of a hospital will belong to secondary sector.

Feed back -. Goods and services that are produced in one country and sold to buyers in another country are called exports.

8. Hotel, restaurants, schools, hospitals, banks, airports, shops are a part of: होटल, रेस्तरां, स्कूल, अस्पताल, बैंक, हवाई अड्डे, दुकानें किस क्षेत्र का हिस्सा हैं:

(a) primary sector प्राथमिक क्षेत्र

(b) secondary sector द्वितीय क्षेत्र

(c) tertiary sector तृतीयक क्षेत्र

(d) both primary and secondary sectors प्राथमिक और द्वितीय क्षेत्र दोनों

Feed back -Hotel, restaurants, schools, hospitals, banks, airports, shops are a part of tertiary sector.

9. Extracting pulp from the trees is a: पेड़ों से पल्प निकालना एक है:

(a) primary sector प्राथमिक क्षेत्र

(b) secondary sector द्वितीय क्षेत्र

(c) tertiary sector तृतीयक क्षेत्र

(d) both primary and secondary sector प्राथमिक और द्वितीय क्षेत्र दोनों

Feed back -Extracting pulp from the trees is a primary sector.

10. Construction of a hospital will belong to _____ sector. एक अस्पताल का निर्माण _____ क्षेत्र का हिस्सा होगा:

(a) primary sector प्राथमिक क्षेत्र

(b) secondary sector द्वितीय क्षेत्र

(c) tertiary sector तृतीयक क्षेत्र

(d) both primary and secondary sectors प्राथमिक और द्वितीय क्षेत्र दोनों

Feedback -Construction of a hospital will belong to the secondary sector.