

## ANSWERS AND FEEDBACK CBT APRIL 2024 CLASS-7

### MATHEMATICS –ANSWER AND FEEDBACK

**Q1.The whole number which does not have a predecessor in whole number system is**

- (a)1                      (b)0                      (c)2                      d)None of these.

**CORRECT ANSWER** -(b)0

#### **Feedback for incorrect answers**

Predecessor is calculated by subtracting one from the given number , zero is smallest whole number therefore no predecessor

**Q2.The number of whole numbers between 22 and 54**

- (a)31 (b)32 (c)42 (d)30

**CORRECT ANSWER**-(a)31

#### **Feedback for incorrect answers**

By counting.  
22 and 54 not included

**Q3.On dividing a number by 9 we get 47 as question quotient and five as remainder the number is**

- a )428                      b)429                      c)418                      D)None of these

**CORRECT ANSWER**- a )428

#### **Feedback for incorrect answers**

Dividend= (divisor X quotient) + remainder

**Q4.School has 40 students in each class and charge Rs 800 from all students. Total classes are 10 what will be the total monthly fee collection**

- A)3,20000                      b)3,80,000                      c)2,70,000                      D)4,00,000

**CORRECT ANSWER**- A)3,20000

#### **Feedback for incorrect answers**

By calculation

**Q5.If a is any whole number, then  $a \div 1 =$**

- (a)1                      (b)0                      (c)a                      (d) $a^2$

**CORRECT ANSWER**-(c)a

**Feedback for incorrect answers**

Division by 1 ,

**Q6. Which number out of the following is called the multiplicative Identity -**

- (a) 1                                      (b) 0                                      (c) -1                                      (d) none of these

**CORRECT ANSWER-(a) 1**

**Feedback for incorrect answers**

-  
If we multiply by one we get the same number as answer ,

**Q.7 Number of line segments which can be drawn joining two points**

- (a) 1                                      (b) 2                                      (C) None                                      d) Infinite

**CORRECT ANSWER-(a) 1**

**Feedback for incorrect answers**

By definition of basic geometrical concepts basic

**Q8. A flat surface which extends indefinitely in all directions is called**

- a) Line              (b) Line segmentCircle              (C) )plane              (d) point

**CORRECT ANSWER- a) Line**

**Feedback for incorrect answers**

From basic geometrical concepts  
By definition

**Q9. Which of the following is the decimal form of  $12/5$**

- (a) 2.4                                      (b) 0.24                                      (c) 2.04                                      (d) 1.4

**CORRECT ANSWER-(a) 2.4**

**Feedback for incorrect answers**

By using the concept of division by 10  
 $12/5 = 24/10$   
 $= 2.4$

**Q10. The place value of the digit 7 in the decimal number 05.0 378 is**

- (a)  $7/100$               (b)  $7/1000$               (c)  $3/100$               (d)  $3/1000$

**CORRECT ANSWER-(b)  $7/1000$**

**Feedback for incorrect answers** -----5+0/10+3/100+7/1000

**SCIENCE: ANSWER AND FEEDBACK**

Water is one of the important Natural Resources which is essential for our life. Water which is fit for consumption is called fresh water or Portable water. The cycle by which water is circulated between Earth, Atmosphere, Land and Ocean. As water is non-renewable Natural Resources so it could be use judiciously. There are various ways by which we could conserve water. AS an responsible citizen we can adapt any of the ways.

**Answer the following questions**

**Q11. Identify the process by which water vapour add continuously in to the Atmosphere**

- (a)Evaporation (b)Transpiration (c)Both evaporation and Transpiration (d) None of these

**CORRECT ANSWER-**(c)Both evaporation and Transpiration

**Feedback for incorrect answers**

Evaporation is the process by which water changes in to water vapors. Transpiration is the process by which excess water looses from water surface in the form of water vapors

**Q12..Clouds formation is due to**

- (a)Only evaporation (b) Only Condensation (c) Both evaporation and condensation (d)only vaporisation.

**CORRECT ASWER-** c) Both evaporation and condensation

**Feedback for incorrect answers-**

By the process of evaporation water vapor reaches at high atmosphere in the form of vapor .After becoming cool, it condenses in the form of small water droplets and floats as cloud .

**Q13.. In a small town , the number of water pumps ,concrete houses, and road increased. What happens to the water table of that place.**

- (a)It become lower (b) it become higher (c)it remain unaffected  
(d)it first become lower and then higher.

**CORRECT ANSWER-** a)It become lower

**Feedback for incorrect answers**

Underground water table is one of the main sources of water.

**Q14. if we take equal amount of water in bucket and a shallow tub .Now place the bucket and the tub under sun .The rate of Evaporation is faster in tub water than bucket water.which of the following statement explain the difference in rete of evaporation of bucket and tub water .**

- (a)Rate of evaporation depends on temperature (b)Rate of evaporation depends on exposed surface of water. (c)Rate of evaporation depends on wind speed (d)All of these.

**CORRECT ANSWER-** (b)Rate of evaporation depends on exposed surface of water.

**Feedback for incorrect answers**

Greater the exposed surface ,greater the rate of evaporation.

**Q15..Portable water is correctly explain better by which of the following option**

- (a)Water in a pot. (b)Water with germs (c)Sea water (d)A glass of water fit for drinking.

**CORRECT ANSWER --**A glass of water fit for drinking.

**Feedback for incorrect answers**

Consumable water is called portable water.

The amount of waste created by a house, a town, or even a nation is referred to as a waste generation. Waste segregation is defined as the process of separating or splitting wastes into dry and wet categories. A landfill is a low-lying location where waste materials are buried for disposal. Recycling is the process of repurposing previously discarded resources. Non-biodegradable waste is a form of waste that cannot be broken down into its constituent chemicals in a reasonable amount of time by microorganisms, air, moisture, or soil. Compost is defined as an organic matter which is decomposed and recycled to produce fertilizer and soil nutrients. Vermicompost is defined as the product of the composting process using various worms. The amount of waste created by a house, a town, or even a nation is referred to as a waste generation. Waste segregation is defined as the process of separating or splitting wastes into dry and wet categories. A landfill is a low-lying location where waste materials are buried for disposal. Recycling is the process of repurposing previously discarded resources. Non-biodegradable waste is a form of waste that cannot be broken down into its constituent chemicals in a reasonable amount of time by microorganisms, air, moisture, or soil. Compost is defined as an organic matter which is decomposed and recycled to produce fertilizer and soil nutrients. Vermicompost is defined as the product of the composting process using various worms.

**Q16. Which of the following activity does not add garbage in our bin**

- (a)Shaving pencils (b)peel off vegetables and fruits (c)cooking foods (d)Tearing paper

**CORRECT ANSWER-** c)cooking foods

**Feedback for incorrect answers**

while we preparing for cooking ,it create garbage generation but simply cooking does not

**Q17. When something in garbage rot completely and do not smell because**

- (a) It become convert into manure      (b) It mixed with soil      (c) Due to presence of microorganisms  
(d) None of these

**CORRECT ANSWER--**(a) It become convert into manure

**Feedback for incorrect answers**

when biodegradable substances decompose completely it do not produce any foul smell.

**Q18. Which kind of material are to be collected in blue bin**

- (a) Materials that can be used again      (b) Materials that can not be used again  
(c) Both      (d) None of these

**ANSWER-**(a) Materials that can be used again

**Feedback for incorrect answers**

non biodegradable substance do not decomposes. it can be used again

**Q19. Is it correct to burn huge heaps of dried leaves**

- (a) Yes      (b) No      (c) Can not say      (d) All are correct

**CORRECT ANSWER-**(b) No

**Feedback for incorrect answers**

Burning of dried leaves produces pollutant gas

**Q20 The purpose of using separate bins for different types of garbage is**



- (a) Easy garbage disposal      (b) Eco friendly garbage management      (c) Non biodegradable materials can be recycled  
(d) All of these

**CORRECT ANSWER-** d) All of these

**Feedback for incorrect answers** - Using different bins for different kind of garbage is essential for proper garbage management.

## Social science :answer and feedback

**Q 21.**Discussion related to the water shortage, electricity supply in the village is taken here.

Which of the following bodies is referred to here?

- A) Supreme court
- B) Gram Sabha
- C) Rajya Sabha
- D) High court

**Ans. B) Gram Sabha**

**Explanation:** Gram Sabha is the primary body of the panchayati raj system. In a gram sabha, the panchayat president and member present a plan on various subject such as roads, water, electricity etc.

**Q22.**This is the way boys are and this is how girls are: these are statements we hear constantly and accept without even thinking, and we start believing that each one of us must behave accordingly. We fit all boys and all girls into an image that society creates around us. What this image refers to-

- A) Discrimination
- B) Inequality
- C) Stereotype
- D) None of the above

**Ans. C) stereotype**

**Explanation:** Stereotype refers to a widely held and generalized belief or idea about a particular group of people, things, or phenomena. Example- Men should always be strong and unemotional.

Women are naturally more caring and better suited for roles as caregivers or homemakers.

**Q23.**There are several ways of finding out about the past. One is to search for and read books that were written long ago. What are these books known as?

- (a) Microliths
- (b) Inscriptions
- (c) Figurines
- (d) Manuscripts

**Ans. d) manuscripts**

**Explanation:** Manuscripts were a type of book that were written thousands of years ago. These were written by hand on palm leaves or on the specially prepared bark of a Himalayan tree known as birch.

**Q24. The megalith shown in the picture is \_\_\_\_.**



- (a) Cist
- (b) Beads
- (c) Ornaments
- (d) Citadels

**Ans. a) Cist.**

**Explanation:** cist is a tiny, stone-built burial chamber or tomb that was frequently used to bury human remains during the Neolithic and Bronze Ages. Cists are distinguished by their structure, which is often made of big, flat stones arranged either vertically or horizontally to create a box-like appearance.

**Q25. The sun, the moon and all those objects shining in the night sky are called \_\_\_\_.**

- (a) Celestial bodies
- (b) Constellations
- (c) Pole Star
- (d) Geoid

**Ans. a) Celestial bodies**

**Explanation:** A Celestial body is any natural object outside the Earth's atmosphere. They drive light from the sun and shine brightly in the night sky.

**Q26. The circle that divides the day from night on the globe is called the circle of illumination.**

**Which of the following BEST describes the circle of illumination?**

- (a)The part of the Earth that receives sunlight is night and which does not receive sunlight is day.
- (b)There will be an imaginary circle around the Earth parallel to the equator that divides the day and the night.
- (c)The imaginary circle on the earth that divides the Earth by the light and darkness.
- (d)The path in which the Earth revolves around the sun such that different seasons are formed.

**Ans. c) The imaginary circle on the earth that divides the Earth by the light and darkness.**

**Explanation:** The circle of illumination is an imaginary circle that represents the boundary between day and night on Earth. It is created by the sunlight falling on one half of the Earth while the other half remains in darkness.

**Q27.Which of the following is NOT typically represented on thematic maps?**

- (a)Population density
- (b)Climatic zones
- (c)Political Boundaries
- (d)Plate Tectonics

**Ans. c) political boundaries**

**Explanation:** Political boundaries, representing the demarcation of countries, states, or administrative divisions, are typically not the focus of thematic maps.

Thematic maps are designed to emphasise specific themes or topics, such as population density, climatic zones, or geological features.

**Q28.It is in this zone that life, unique to this planet, exists. Various species of organisms, ranging from microbes and bacteria to large mammals, coexist and are interlinked for survival. Which term BEST describes the zone where life on Earth is concentrated, connecting land, water, and air?**

- (a)Lithosphere
- (b)Atmosphere
- (c)Biosphere
- (d)Hydrosphere

**Ans. c) Biosphere**

**Explanation:** The biosphere encompasses the narrow zone where living organisms exist, ranging from microscopic bacteria to large mammals. It is the unique domain on Earth where various species coexist, interlinking their existence for survival.

**Q29.Which of the following countries does NOT share a land boundary with India?**

- (a)Nepal
- (b)Bhutan
- (c)Myanmar
- (d)Maldives



**Ans. d) maldives**

**Explanation:** Maldives is an island nation in the Indian Ocean and does not share a land boundary with India.

On the other hand, Nepal, Bhutan, and Myanmar share land borders with India.

**Q30.India's geographical location leads to significant variations in local time across its vast expanse. Considering this, which term BEST describes the scenario where the sun rises about two hours earlier in the east (Arunachal Pradesh) than in the west (Gujarat)?**

- (a) Standard time variation
- (b) Longitudinal discrepancy
- (c) Latitudinal extent
- (d) Altitude difference

**Ans. (b) longitudinal discrepancy**

**Explanation:** India's vast longitudinal extent of approximately 29 degrees results in a considerable time difference between its eastern and western points. This phenomenon is known as longitudinal discrepancy.

### **ENGLISH:ANSWER AND FEEDBACK**

**1. Read the passage carefully and answer the following questions: -**

**One morning, Rajat woke up to the sound of chirping birds outside his window. He got up, washed his face, and went to the balcony to enjoy the fresh morning breeze. As he looked around, he noticed a tiny bird's nest on a tree branch near his balcony. Rajat was fascinated by the nest and decided to observe the birds closely.**

**He noticed that the birds were busy flying in and out of the nest, carrying twigs, leaves, and worms. They were building the nest and preparing it for their eggs. Rajat watched in amazement as the birds worked tirelessly, taking turns to bring materials and build their cozy home. He learned that the birds were Sparrows, known for their small size and cheerful chirping.**

**Rajat decided to help the birds by keeping a bowl of water and some grains on his balcony. He watched as the birds happily sipped water and pecked at the**

grains. He felt a sense of joy and satisfaction in being able to contribute to the well-being of the birds!

(i) What did Rajat hear outside his window in the morning?

- (a) Chirping birds
- (b) Barking dogs
- (c) Blaring horns
- (d) Roaring thunder

Answer. A

**FEEDBACK**-chirping is the sound made by birds

(ii) What did Rajat notice on the tree branch near his balcony?

- (a) A tiny bird's nest
- (b) A squirrel
- (c) A bee hives
- (d) A butterfly

Answer. A

**FEEDBACK**-nest is to provide suitable place for parents to lay eggs.

(iii) What were the birds busy doing near Rajat's balcony?

- (a) Searching for food
- (b) Flying in circles
- (c) Sleeping
- (d) Building a nest

Answer. D

**FEEDBACK**-building nest for their offspring

(iv) What kind of birds did Rajat observe near his balcony?

- (a) Eagles
- (b) Sparrows
- (c) Peacocks
- (d) Flamingos

Answer. B

**FEEDBACK**-house sparrow is one of the common birds found in our surrounding

**ANSWER THE FOLLOWING QUESTION**

V). A life history of a person written by another is called

- (a) autobiography

- (b) biography
- (c) life story
- (d) story

**Answer. B**

**FEEDBACK-Biography is the life history of a person written by another person while autobiography is the life history written by that person only.**

**VI). Choose the correct antonym of the word ‘accept’**

- (a) permit
- (b) give
- (c) reject
- (d) admit

**Answer. C**

**FEEDBACK-reject means not accepted**

**VII) Don’t sit .....the grass. It’s wet.**

- (a) in
- (b) at
- (c) on
- (d) to

**Answer. C**

**FEEDBACK-here ON preposition means for location**

**VIII). I .....my hands because they were dirty.**

- (a) wash
- (b) washed
- (c) washing
- (d) am wash

**Answer. B**

**FEEDBACK-**

**IX) I ..... like to return early.**

- (a) should
- (b) would
- (c) could
- (d) may

**Answer. B**

**X) Health is ..... than wealth.**

**(a) better**

**(b) best**

**(c) good**

**(d) healthy**

**Answer. A**

**FEEDBACK-as compared to wealth ,health is better**