Q.1Where do Christians go for prayer?
(a) Temple
(b) Church
(c) Mosque
(d) Gurudwara
Ans.b
Explanation:-For Christians, church is a special place where they can go to worship and pray.

Q.2 What is celebrated on 2nd October of
every year?
(a) Christmas Day
(b) Children's Day
(c) Gandhi Jayanti
(d) Diwali
Ans C
Explanation:- Gandhi Jayanti is an event celebrated in India to mark the birthday of Mahatma Gandhi.

Q.3 Which of these resources covers about three-fourths of the total surface of earth?
(a) land
(b) soil
(c) air
(d) water
Ans D
Explanation: Nearly three-fourths of the earth's surface is covered with water

Q.4 Which of these physical features are best suited for living?
(a) plains and river valleys
(b) mountains
(c) deserts
(d) lakes and rivers
Ans A
Explanation:- Plain andRiver valley regions- A river valley gives the occupants a dependable source of water for drinking and husbandry.

Q.5 What is the majority of land in India used for?
(a) cultivation
(b) pasture
(c) forests
(d) none of these
Ans A
Explanation:- Almost all of the land area in India is used for agriculture and cultivation.

Q.6 The first English factory was set up in the year
(a) 1600
(b) 1651
(c) 1655
(d) 1665
And. B
Explanation:- The first English factory in India was set up on the banks of the river Hugli in the year 1651.

Q.7 Who discovered the sea route to India in 1498?
(a) Columbus
(b) Dutch
(c) East India Company
(d) Vasco-da-Gama
Answer - D
Explanation:- Vasco-da-Gama a Portuguese explorer discovered the sea route to India In 1498.

Q.8 The Third Battle of Panipat was fought in the year

(a) 1743
(b) 1752
(c) 1761
(d) 1763
Ans-C
Explanation The third battle of Panipat which was fought between the Marathas and Ahmad Shah Abdali,
Q.9 European trading companies were attracted to India due to
(a) cheap land
(b) cheap labour
(c) raw material like cotton silk and spices
(d) All of these
Ans D
Explanation: European trading companies were attracted to India for its wide variety of spices. Spices like clove, pepper, cinnamon, and cardamom were produced in India and all these spices were of great demand in Europe.
Q.10Haidar Ali was the ruler of
(a) Bengal
(b) Delhi
(c) Bombay
(d) Mysore
Ans D
Explanation:- Hyder Ali (Haidarālī; c. 1720 – 7 December 1782) was the Sultan and de facto ruler of the Kingdom of Mysore in southern India.

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KVS RO BHOPAL
SCIENCE
AUG MONTH CBT QUESTIONS WITH ANSWER KEY

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CASE STUDY 1

Force is a push or pull, acting on an object which changes or tends to change the state of the object. Whenever there is an interaction between two objects, there is a force upon each of the objects. Actions like opening, picking, shutting, throwing, kicking, pulling, hitting and lifting etc. are some of the tasks we do every day. All these actions result in the change of position of an object and for that, it requires force in the form of push or pull.

1. Muscular force is also known as
   (a) Non-contact force
   (b) Contact force
   (c) Gravitational force
   (d) Magnetic force
   Answer: Contact force
   Explanation:-If two forces act in opposite directions on an object, the net force acting on it is the difference between the two forces.

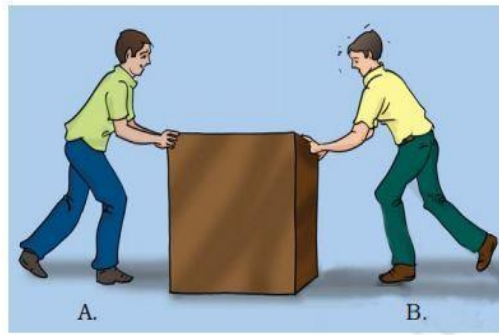2. When two net force acting isforces act in opposite directions, the
   (a) The sum of two forces
   (b) Differences between two forces
   (c) Both (a) and (b)
   (d) None of these

   Answer: Differences between two forces
   Explanation:- Any two differences between forces
3. Two boys A and B are applying force on a block. If the block moves towards boy A, which statement is correct?
   Two boys A and B are applying force on a block. If the block moves towards boy A, which statement is correct?
   Two boys A and B are applying force on a block. If the block moves towards boy A, which statement is correct?

(a) Magnitude of force applied by A is greater than that of B
(b) Magnitude of force applied by A is smaller than that of B
(c)Net force on the block is towards B
(d) Magnitude of force applied by A is equal to that of B
Answer: Magnitude of force applied by A is smaller than that of B
The strength of force is usually expressed by its magnitude.
Explanation:-aIf the area is less more pressure will be applied there and if area is more less pressure will be applied as pressure is inversely proportional to area.
4.If a given force is applied on a smaller area of contact, the pressure exerted by it
(a) decreases
(b) increases
(c) does not change
(d) none of these
Answer: increases
Explanation:- It is an example of rectilinear motion and it not falling in downward direction under the force of gravity.

CASE STUDY 2
The earth's known resources of fuels like coal, oil, natural gas and uranium are limited. They are rapidly being used up and will be exhausted soon, has created a sort of energy crises in the whole world. Natural gas is a non-renewable source of energy which is used for heating, cooking and electricity generation.
5.Which of the following is not a tip to save petrol as advised by PCRA?
(a) Drive at constant and moderate speed as far as possible
(b) Always fasten your seat belt/wear helmets while driving a four/two wheeler vehicle.
(c) Switch off the engine at traffic lights or at a place where you have to wait.
(d) Ensure regular maintenance of the vehicle.
Answer: Always fasten your seat belt/wear helmets while driving a four/two wheeler vehicle.
Explanation:-
6. Which resource is an inexhaustible natural resource?
(a) Coal
(b) Natural gas
(c) Petroleum
(d) solar energy
Answer: solar energy
Explanation:- The solar energy is present in unlimited quantity in nature and are not likely to be exhausted by human activities.
7. A natural gas stored under high pressure is called
(a) CNG
(b) LPG
(c) KLG
(d) PNP
Answer: LPG
Explanation:- Natural gas (CNG) is stored under high pressure in sea.
CASE STUDY 3

A chemical process in which a substance reacts with oxygen to give off heat is called combustion. The substance that undergoes combustion is called fuel. The fuels may be solids, liquid or gases.

8. What are combustible substances?
(a) Substances that undergoes combustion
(b) Substance reacts with ozone
(c)Substance that glows
(d) All of these
Answer: Substances that undergoes combustion
Explanation:- The substances which undergo combustion are called combustible substances.

9.Identify the inflammable substance from the following:
(a) Soil
(b)Water
(c)Alcohol
(d) Vinegar
Answer: Alcohol
Explanation:- The substances which have very low ignition temperature and can catch fire easily are inflammable substances like alcohol, petrol etc.

10. The clothes of Hari catch fire. He was covered with a blanket with the help of his friend Mohan. The fire was extinguished because
(a) Blanket cut the supply of oxygen
(b) It is thick so cut off the contact with fuel
(c) Both (a) and (b)
(d) Only (b)
Answer: Both (a) and (b)
Explanation:- The conditions necessary for combustion are presence of fuel, supply of oxygen and ignition temperature.

KVS RO BHOPAL
ENGLISH
AUG MONTH CBT QUESTIONS WITH ANSWER KEY

1. In 'Glimpses of the Past' Glimpses refers to
a) A brief look at someone or something
b) Continuous and regular looking at something
c) Explanation of something
d) Pictures
Feedback for correct answers
When we look at some one or something for a while ,it is called a glimpse

2. The worst sufferers under the British rule were:
a) The business Community
b) The religious Leaders
c) The poor farmers and artisans
d) Indian princes
Ans:- c) The poor farmers and artisans
Feedback for correct answers
The condition of farmers and artisans was very pitiable. They were starving because of the atrocities of British

3. In the Early 19th century Raja Ram Mohan Ray **was**
a) A great religious person
b) A great king
c) An great reformer
d) An able fighter
Ans:- c) An great reformer
Feedback for correct answers

Raja Ram Mohan Ray was a great social reformer ,a learned man, who was attracted by science and modern knowledge .He fought against superstitions and social evils prevailing in the society.

4.   The pictures of three prime ministers has been given in the chapter. Who of them is not there.

a) Pt Jawahar lal Nehru

b) Sh. Lal Bahadur Shastri

c) Smt. Indira Gandhi

d) Sh Rajeev Gandhi
 Ans:- d) Sh Rajeev Gandhi
Feedback for correct answers
Rajeev Gandhi became thr prime minister of India in later years .He is not there

5. Can Velu read Tamil ? How do you know ?

a) He can't read Tamil because he couldn't read the Tamil sign outside the Central Jail.

b) He can read Tamil because he could read the Tamil sign outside the Central Jail.

c) He can't read Tamil because he couldn't read the advertisements in the local newspaper .

d) He can read Tamil because he could read the advertisements on the hoardings

Ans:- b) He can read Tamil because he could read the Tamil sign outside the Central Jail.

Feedback for correct answers

When Velu was going with Jaya ,he read the Tamil sign 'Central Jail'.

6. "See that big building with the wall around it? If you're not careful, you'll soon be counting bars there." What is the girl referring to

a) Spending time at the local bar

b) Counting chocolate bars

c) Spending time in the Central Jail

d) Counting detergent soap bars

Ans:- c) Spending time in the Central Jail

Feedback for correct answers

since Velu was new in the city ,Jaya was warning him to be cautious and careful otherwise he would be behind the bars.

7.The girl picked up a squashy banana and held it out to Velu. She threw him a vada. He could have eaten at least ten times more, but the girl could find only one more banana which she ate herself.

What do the above lines tell us about the girl's nature

| kind/frier |

Add a correct answer

| |

Mark all other answers incorrect

Feedback for all answers

kind/friendly/helpful/generous (any one of them)

Q8. Keshav said, "Rita is busy right now."

A. Keshav said Rita was busy.

B. Keshav informed that Rita was busy then.

C. Keshav said Rita had been busy.

D. Keshav informed that Rita is busy

Ans:- C. Keshav said Rita had been busy.

Feedback for correct answers

Keshav informed that Rita was busy then.

Q9. She said, "Bring a glass of water, please."
A. She commands me to bring a glass of water.
B. She requested me to bring a glass of water.
C. She asked me to brought a glass of water.
D. She ordered me to bring her a glass of water.
Ans:- B. She requested me to bring a glass of water.
Feedback for correct answers
B. She requested me to bring a glass of water.

Q10. Rahul said, "I will manage this work. "
A. Rahul said that he would manage that work.
B. Rahul said that he will manage this work.
C. Rahul said that I would manage this work.
D. Rahul said that he will manage that work.
Ans:- A. Rahul said that he would manage that work.
Feedback for correct answers
A. Rahul said that he would manage that work.

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KVS RO BHOPAL
MATHS
AUG MONTH CBT QUESTIONS WITH ANSWER KEY

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1. In a Pie Chart, the central angle for the fraction 4/9 is

a)60 degree
b) 80 degree
c) 160 degree
d) 20 degree
ANS:- c) 160 degree
Feedback for correct answers
Reason : 4/9 of 360o
= 4/9 x 360o
= 160o

2. What is the size of the class interval 275 – 300?
a) 25
b)50
c) 575
d) 275
ANS:- a) 25
Feedback for correct answers
Reason : Upper limit – lower limit = size of the class interval

3. The upper limit of class interval 200 – 260 is
a)200
b) 260
c) 60
d) 460
ANS:- b) 260
Feedback for correct answers
RReason: In class interval 200 – 260, lower limit is 200 and upper limit is 260

4. _____ gives the number of times that a particular entry occurs

a)Frequency
b) Histogram
c) Range
d) Pie Chart

ANS:- a)Frequency
Feedback for correct answers
Reason: As per definition

5. What will be the unit digit of the squares of 799?

a)1
b) 2
c) 3
d) 8

ANS:- a)1
Feedback for correct answers
Reason: Product of digits of unit place is 9x9=81

6. The square of 93 is _____
a)8649
b) 8109
c) 2729
d) None of these

Ans:- a)8649
Feedback for correct answers
8649

7.Which of these is a Pythagorean triplet?

points
a)3, 4 , 5
b) 1, 2, 3
c) 2, 3 , 4
d) None of these

Ans:- a)3, 4 , 5
Feedback for correct answers

Reason : 93 x 93 = 8649

Q8. How many numbers lie between squares of the 20 and 21?
a) 41
b) 40
c) 400
d) none of these

Ans:- b) 40
Feedback for correct answers
Reason : 40 numbers lie between 400 and 441 (401, 402, . . ., 440)

Q9. Square root of 3844 is

a) 42
b)52
c) 62

d) 72

Feedback for correct answers
Reason: $\sqrt{3844} = \sqrt{(2 \times 2 \times 31 \times 31)} = 2 \times 31 = 62$

Q10. Area of a square plot is 625sqm. Find the side of the square plot.
a) 15m
b) 35m
c) 25m
d) 45

Ans:- c) 25m

Feedback for correct answers
Reason : Area of a square plot is side x side, so finding square root of 625 we get 25