English

Q.1 A picture says a thousand words. Carefully study the given picture and build an absorbing story around it within 150-200 words. Also add a suitable title for the same.

Answer: The Zulu Adventure

'Boom, boom, thud, thuudd!!' The indistinct yet disturbing bang made Pete restless. He turned to his left on his cot wondering if he was dreaming or his ear drums were throwing tantrums. 'Boooommmm' It happened again, 'boooommmmm' and again! Pete straightened up. It was their second day of camping at the Angora Forest. The hectic jungle safari had left the family quite exhausted. Papa and Mumma seemed to be sleeping undisturbed on their cots to his left. Cathy, who was a year younger than him, too lay quite unconscious. Only Snowy their little puppy was on high alert at that time. Pete drew close to Cathy and jerked her frantically, only to get her muffled reply, 'Go to sleep Pete.'

'Wake up! Cathy! Wake uuuppp!'

'Booommmm' Cathy sat up startled.

'Sssshhh....Be quiet! Let's go little sissy! We must find out what's the matter!' said Pete. The adventure books on his shelf had made Pete so curious that he could not help but give in to the thrill of an undaunted adventure experience. They moved out of the tent on tip-toes with a torch, Papa's baton and of course Snowy.

The Silua River flowed through the heart of the jungle adding to its beauty. Pete, Cathy and Snowy got into the boat tied to the pole at the bank. Papa had carefully knotted it that evening before retiring for the day.

'Now let's unleash the adventure,' Pete grinned untangling the loop and off they went. The river current was strong enough to sway them forward without much effort of the oars.

Gradually the sound grew distinct and louder. Slowly they were meandering into the denser part of the jungle and the fear of wild hyenas, reptiles and crocodiles unnerved them. Snowy kept whimpering all along. The river narrowed and the dense thicket obstructed their way. Cathy used Papa's baton to cross past them. And then all of a sudden, they witnessed the unbelievable! It was them, yes, the Zulu tribals about whom they had heard from the locals. They were engaged in some sort of a celebration, dancing around the fire, wearing masks and playing drums, little children running around helter skelter. They always remained restricted to their quarter of the jungle and never spared an intruder.

Suddenly one amongst the Zulus noticed Pete and Cathy craning their necks through the thicket and that was it! There was a moment's silence and the next thing that Cathy could remember was Pete   hysterically rowing their boat out of the narrow channel to get back. The Zulus started pelting stones at them. One of it came and hit Cathy on her head causing a blackout. When she regained her senses, thankfully she was lying on her cot with Mumma, Papa and Snowy eagerly watching her. Pete stood at a distance with loving eyes staring at her and a curved smile on his lips. Cathy knew instantly it was their little secret. They just had a spine-chilling adventure never to be forgotten for the rest of their lives!

Home Assignment Model Answers May 09, 2020
Class VI

Q.2 You surely have read the witty and fun-filled tales of Akbar and Birbal. The intriguing and baffling challenges that Akbar bombarded on Birbal and the unique ways Birbal formulated his responses are absolutely incredible.

Imagine Akbar and Birbal arrive in present day India. Think and pen down six sets of interesting dialogues between them

Answer: Akbar and Birbal have come to present day India and are awe-struck after witnessing different technological advancements that have taken place over time. Their conversation:

Akbar: Oh, Birbal I am totally spell bound. Although they look so beautiful yet hardly any of them make sense to me. What are these huge pillars in the middle of the streets?

Birbal: Oh Shahenshah! They are called skyscrapers. People live in them. Some of them have over fifty floors!

Akbar: Oh good lord! Over fifty floors?! How times have changed! Well what about monarchy? Who is the present ruler?

Birbal: Well my lord, Hindustan is not ruled by a king any more. It has a democratic government and people select their representatives to handle public welfare.

(Birbal quietly takes out a mobile phone from the display section of a store without Akbar noticing him)

Akbar: Well that's great. You see, I have always believed that common people should enjoy a fair share of everything.

(Suddenly the ringtone of the phone starts buzzing, Akbar is startled.)

Oh Birbal! What on earth is that thing?

Birbal(beaming): Shahenshah this is called a mobile phone. Man has invented this device which can be used to speak to anyone in any part of the world at any time. It provides you with all sorts of entertainment and is so handy; it can fit in the pouch of our capes!

Akbar: That's really news Birbal. I am happy that human beings have advanced so rapidly. What about art, music and entertainment? Do you get all that through this device?

Birbal: Well yes sir. The expression of art still remains quite similar, however there are more mediums of expressing them now.

(He shows Akbar a multiplex)

Sir, that's one place where you can find everything to enjoy yourself.

Akbar: Oh Birbal! You are intriguing me more and more. Tell me, are there still wars? Do people fight for the safety of their nation?

Birbal: Yes Shahenshah, unfortunately there is unrest amongst many nations. People are as good as they were in our times and are working on the ideas of selfless love, unity and harmony.

Akbar: Let's just pray people enjoy this beautiful time being united and forget disparity forever. Let's go back Birbal.
Birbal: Amen. Yes my lord. Let's go back.

Q.3 The human race has advanced in leaps and bounds in almost all spheres of life. Although our lives have eased with several innovations yet the technologically advanced world that we live in today is quite similar to the picture shown. Compose a humorous poem of 3 stanzas expressing your thoughts on the overuse of electronic gadgets (e.g. mobile phones) and their impact on our lives.

Answer :
The Virtual World
Oh look at little Bonny in the pram,
That's an I-pad he's holding and clearly that's no sham.
For he seems to enjoy his virtual world,
No time to look up and check out the nature unfurl!!

The real world is such a disaster I tell you,
Coz the one in our gadgets is too good to be true!
What not one can see and learn?
Oh trust me it's such a miracle,
The roller coaster ride that makes your head churn!
Though it doesn't give the feel of fresh air on your cheeks,
Or the hug of a mother in times of need,
It doesn't caress with the softness of the grass or warmth of the sun,
But who cares, the screen world is a whole lot of fun!!

Oh ! the gadgets are so sharp and awesome,
They do your home work and feed you updates.
They turn you to fabulous couch-potatoes,
And give you all time to sit, eat and laze.
We have all we ever needed, it is just a button's click,
And effort vanishes like vapour, within a flick.
This is the world to live in without a speck of doubt,
And the one that God gifted us,
The one that only gives you, loves you and wants nothing back,
Can certainly and undoubtedly be led out!!
-   *Mrs. Sreejata Mitra*

हिंदी

प्रश्न 1- निम्नलिखित पद्यांश को ध्यानपूर्वक पढ़कर पूछे गए प्रश्नों के उत्तर लिखिए –

क) मानव और पशु - पक्षी किसकी रचनाएँ हैं?

उत्तर -मानव और पशु - पक्षी ईश्वर की रचनाएँ हैं|

ख) जीवों को बंदी बनाना उचित क्यों नहीं कहा जाता है?

उत्तर - पशु-पक्षी व् मनुष्य सभी जीवों को स्वतंत्र रहने का अधिकार है|
   सभी अपनी मर्ज़ी से जीना चाहते हैं , अपनी पसंद का काम करना चाहते हैं अतः इन्हें बंदी
   बनाना उचित नहीं कहा जाता है|

ग) हम प्रभु की सच्ची संतान कैसे कहे जा सकते हैं ?

उत्तर- यदि हम सभी प्राणियों की भलाई के लिए कार्य करें, सभी की मदद करें और किसी को
   कभी कष्ट न पहुँचाएँ तो हम प्रभु की सच्ची संतान कहे जा सकते हैं|

प्रश्न 2- निम्नलिखित शब्दों में उचित स्थान पर अनुस्वार (ं) का प्रयोग कीजिए -

अदर	- अंदर		इदौर	- इंदौर
बद	- बंद		सुगध	- सुगंध
मगल	- मंगल		प्रबध	- प्रबंध
गगा	- गंगा		आनद	- आनंद
ठडा	- ठंडा		चचल	- चंचल

प्रश्न 3 - कोष्ठक में दिए गए शब्दों में से उचित शब्द के चयन द्वारा निम्नलिखित वाक्यों में रिक्त स्थानों की पूर्ति कीजिए -

क) मेरी बहन **परीक्षा** देने के लिए मुंबई गई थी।   (परिकशा/ परीक्षा)

ख) रोहन बड़ा ही **ज्ञानी** है।   (ज्ञानी/ ग्यानी)
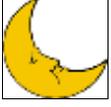
ग) मैंने काम करने के बाद **विश्राम** किया।   (विश्राम/ विशराम)

घ) **त्रिभुज** का अर्थ होता है - तीन भुजाओं से घिरी आकृति।   (त्रिभुज / तिर्भुज)

प्रश्न -4 नीचे दिए गए चित्रों को ध्यान से देखकर उनके लिए अनुनासिक युक्त हिंदी शब्द लिखिए -

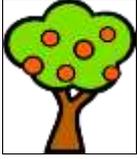चाँद   सीपियाँ   गेहूँ   सीढ़ियाँ

प्रश्न -5 नीचे दिए गए चित्रों को देखकर उनके लिए दो - दो पर्यायवाची शब्द लिखिए-

पेड़ , वृक्ष   फूल , सुमन   गृह , घर   मोर , मयूर

प्रश्न- 6 आपके पसंदीदा खेल के बारे में 60 से 80 शब्दों में अनुच्छेद लिखिए |
अनुच्छेद लेखन - विद्यार्थी स्वविवेक से लिखेंगे |

Home Assignment Model Answers May 09, 2020
Class VI
Mathematics

Q.1 Match the figures in column I with their corresponding perimeter in Column II, given that each figure has the side as 2cm.
Answer: =   A - iv
                B - i
                C - ii
                D - iii

Q.2 Which of the following statements are True or False?
  Also state the reason for your answer

   a) Rita wants to raise a boundary wall around her house. For this, she must find the area of the land of her house.
      Answer: = False- For raising a boundary, only perimeter is required
   b) A person preparing a track to conduct sports must find the perimeter of the sports ground. (Here we are considering length only)
      Answer: = True- Track is prepared using only the boundary of the ground
   c) Mina wants to stitch a frill around the table cloth. For doing this, she needs to find the area of the table cloth.
      Answer: = False- Frill is to be stitched only on the border of the table cloth

Q.3 Find the perimeter of the following figures
Answer: =
   a)   P= 12+12+12 = 36 dm
   b)   P= 40+30+40+30 = 140 dm
   c)   P= 40+40+35+20 = 135 dm
   d)   P = 2+30+10+40+20+20 = 122 dm
   e)   P = 10+58+10+68+40 = 186 dm

Q.4 Two sides of a triangle are 12 cm and 9 cm. The perimeter of the triangle is 32 cm. What is the measure of the third side?
Solution: Perimeter = Sum of all sides
                  32 = 12 + 9 + third side
                  32 = 21 + third side
                  32 – 21 = third side
                    11 = third side
Answer: =   Third side is 11 cm.

Q.5 One side of a square stamp is 3 cm long. What will be the perimeter of the stamp?
Solution: Perimeter of a square = 4 x side
                  $\therefore$ Perimeter   = 4 x 3 = 12 cm
Answer: = Perimeter of the square stamp = 12 cm.

Home Assignment Model Answers May 09, 2020
Class VI

Q.6 The letter "T" is made using matchsticks, forming 5 equal squares. Assuming each side of the square to be equal to 3 cm, find the area of this letter.

Solution: Required area = Area of 5 squares

Area of 5 squares = 5 times area of 1 square

Area of 1 square = Side x side

$= 3 \times 3$

$= 9 \text{ cm}^2$

∴ Area of 5 squares $= 5 \times 9 = 45 \text{ cm}^2$

Answer: $=$ Area of the letter T is 45 cm^2

Q.7 Find the area and perimeter of the following things:

a) A scale measuring 15 cm by 3 cm.

Solution: Area $= 1 \times b = 15 \times 3 = 45 \text{ cm}^2$

Perimeter $= 2 \ (l+b) = 2(15+3) = 2 \times 18 = 36$ cm

Answer: Area = 45 cm^2 and Perimeter = 36 cm

b) A photo frame measuring 45 cm by 30 cm.

Solution: Area $= 1 \times b = 45 \times 30 = 1350 \text{ cm}^2$

Perimeter $= 2 \ (l+b) = 2(45+30) = 2 \times 75 = 150$ cm

Answer: Area = 1350 cm^2 and Perimeter = 150 cm

Q.8 A square piece of land has each side equal to 100 m. If three layers of metal wire are to be used to fence it, what is the total length of wire needed?

Solution: For fencing, we require Perimeter

Perimeter of the land $= 4 \times 100 = 400$ m

Now, three layers of wire are to be used, so total length of wire required will be equal to thrice the perimeter because wire will go around three times.

Required length of wire $= 3 \times 400 = 1200$ m

Answer: = Total length of wire needed is 1200 m

Q9. Here are some rectangles made up of different coloured blocks.

Assuming each side of each block to be 5 cm, find the area of each colour.

Answer: =

Figure	Area of Colour (Multiply no. of squares with area of one square)	
I	Purple= 1 square	Area= 5x5 =25 cm^2
	Yellow= 3 squares	Area= 3x25= 75cm^2
	Green= 13 squares	Area= 13x25=325 cm^2
	Orange=1 square	Area= 5x5=25 cm^2
II (below I)	Purple= 2 squares	Area= 2x25 =50 cm^2
	Yellow= 4 squares	Area= 4x25= 100cm^2
	Green= 5 squares	Area= 5x25=125 cm^2
	Orange=1 square	Area= 5x5=25 cm^2

III (right of I)	Purple= 2 squares	Area= 2x25 =50 cm^2
	Yellow= 3 squares	Area= 3x25= 75cm^2
	Green= 2 squares	Area= 2x25=50 cm^2
	Red=2 squares	Area= 2x25=50 cm^2
IV	Purple= 5 squares	Area= 5x25 =125 cm^2
	Yellow= 6 squares	Area= 6x25= 150 cm^2
	Green= 3 squares	Area= 3x25=75 cm^2
	Red=4 square	Area= 4x25=100 cm^2

Q10. A rectangular parking lot is 50 m wide and 100 m long.
What will be the area of the parking lot?
Solution: Area = length x breadth
= 100 x 50 = 5000 m^2
Answer: = Area of parking lot is 5000 m^2

Q11. Find the cost of fencing a rectangular park of length 250 m and breadth
175 m, if the cost per m is ₹ 12(Hint: Use perimeter to find the cost of fencing)
Solution: Perimeter = 2(l + b)
= 2 (250 + 175)
= 2 x 425
= 850 m
∴ Required cost = Cost per m x Perimeter
= 12 x 850
= ₹ 10200

Answer: Cost of fencing = ₹ 10200

Q12. The length of a rectangle is 6 cm more than its width. If the width is 10 cm, find the perimeter of the rectangle.

Solution: Width = 10 cm, length= 6 + 10 = 16 cm

∴ Perimeter = 2 (10+16) = 2 x 26 = 52 cm

Answer: = Perimeter of the rectangle = 52 cm.

Q13.

Solution: Counting the length of boundaries, we find that figure a, b, c have the same perimeter as 12 units, if each block has side of 1 unit. But figure d has the least perimeter of 10 units.

Answer: = Figure d

Q.14 Answers will vary for each individual.

Q.15

A	F	I	W	T	M	E	T	R	E	S	H	A	E	L
U	E	H	T	U	X	S	A	O	J	X	I	Z	B	C
R	N	B	V	W	T	R	I	A	N	G	L	E	K	F
V	C	P	X	C	X	W	P	E	G	Y	N	M	E	M
W	I	L	E	Y	E	Q	G	R	P	M	N	U	Q	T
S	N	S	G	R	E	C	T	A	N	G	L	E	U	D
E	G	U	A	A	I	D	B	V	L	E	D	O	I	P
D	Q	U	Q	D	N	M	H	C	N	F	J	O	L	X
I	Q	N	R	N	C	Y	E	G	O	I	P	E	A	N
S	K	H	K	U	H	E	T	T	D	G	W	R	T	E
S	F	R	I	O	D	H	J	U	E	U	F	Q	E	F
Y	O	T	L	B	H	E	Z	C	N	R	T	C	R	G
I	N	O	G	A	T	N	E	P	K	E	V	S	A	Y
P	R	F	Q	S	V	B	M	A	I	J	L	K	L	S
G	J	Z	B	R	E	A	D	T	H	M	B	A	H	Z

Answer :

a) Fencing
b) Rectangle
c) Square
d) Area
e) Length
f) Triangle
g) Inch
h) Figure

i) Pentagon
j) Equilateral
k) Sides
l) Breadth
m) Metres
n) Boundary
o) Perimeter

Home Assignment Model Answers May 09, 2020
Class VI
Science

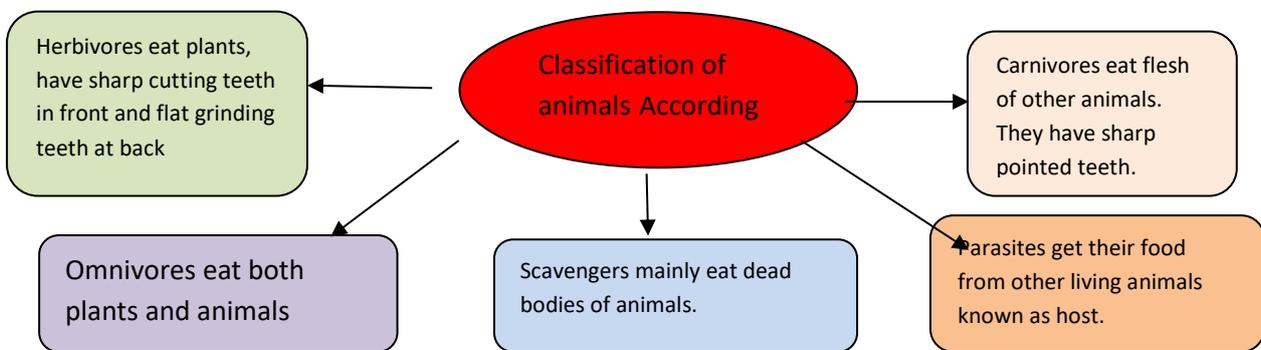**Topic : Food Habits of Animals**

Q.1 Animals cannot prepare their own food,then how do they get their food?
Answer: Animals depend directly or indirectly on plants for their food. Some animals eat plants only, some eat flesh of other animals and some of them eat both plants and animals.

Q.2 Do all animals eat the same kind of food?
Answer: No, different animals eat different kinds of food.

Q.3 Study the concept map below and answer the questions that follow:

Herbivores eat plants, have sharp cutting teeth in front and flat grinding teeth at back

Classification of animals According

Carnivores eat flesh of other animals. They have sharp pointed teeth.

Omnivores eat both plants and animals

Scavengers mainly eat dead bodies of animals.

Parasites get their food from other living animals known as host.

a) Shown here is a skull of an animal. Identify the category of animals this skull belongs to? What helped you to decide the category?
   Answer: The skull belongs to a carnivore as sharp pointed teeth can be seen in the skull. The carnivores have sharp pointed teeth to tear off the flesh from the bones.

b) Why do herbivores have sharp front teeth and broad flat teeth ?
   Answer: Herbivores eat plants. They have sharp front teeth to bite off the plant parts and flat grinding teeth at the back to grind or chew the food properly.

c) Carnivorous birds, for e.g. eagle, do not have teeth, then how do they tear off the flesh?
   Answer: Carnivorous birds like eagles have strong pointed beak to tear the flesh.

d) What would have happened to our environment if scavengers were not there?
   Answer: Scavengers mainly consume dead bodies of animals and help to keep environment clean. If scavengers were not there then there would have dead bodies lying around in the environment that would have lead to bad smell and diseases.
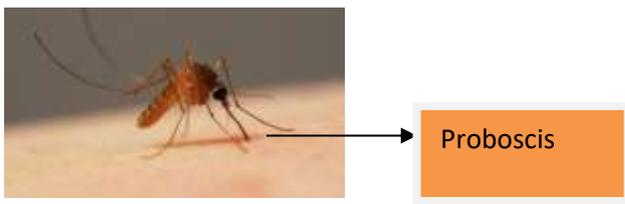
e) Classify the following animals as herbivores, carnivores, omnivores on the basis of their eating habits in the table given below:
Dogs, snake, horses, human beings, cockroach, vulture, crow, deer, wolves, cats, hyenas, goats, jackals

Herbivores	Carnivores	Omnivores
Horses, deer, goats	Dogs, snake, vulture, wolves, cats, hyenas, jackals	Human beings, cockroach, crow

Out of the animals given above which of them belong to the category of scavengers.
Crows, vultures, hyenas, jackals

f) What does a mosquito use the labeled part for?
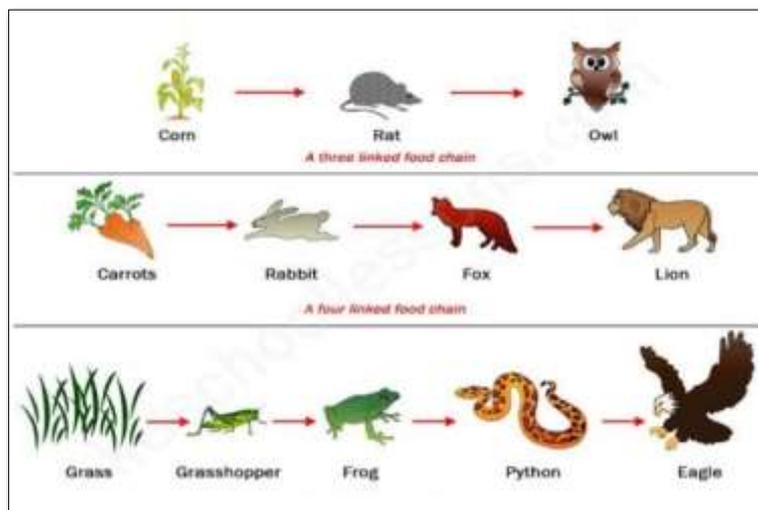

Proboscis

Answer: Mosquito has a long, sharp pipe known as proboscis instead of teeth. It uses proboscis to pierce the skin of its hosts and suck the blood.

g) Tapeworm lives inside the small intestines of animals and takes the food digested by them. How would you categorize the tapeworm on the basis of its food habit?

Answer: Tapeworm is a parasite because it depends on other living animal for its food.

Q.4 Study the food chain given below and answer the questions that follow:

a. Why do you think all the food chains begin with green plants?

Answer: Plants are producers as they can make their own food. The animals are dependent on plants directly or indirectly for their food.

b. How would you categorize rat, rabbit and frog on the basis of their food habits?

Answer: Rats, rabbits and frogs are categorized as herbivores as they depend only on plants for their food.
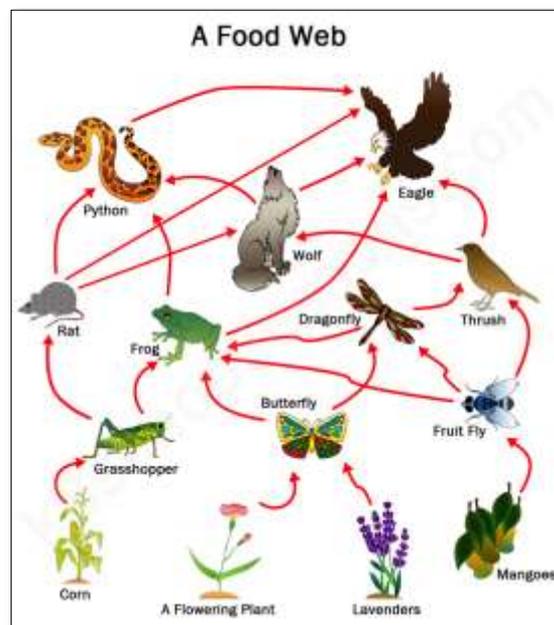
c. What will happen to the populations of grasshopper and python if frogs disappear from the third food chain?

Answer: The population of grasshoppers will increase as there would be no frogs to eat them and on the other hand the population of python will decrease as they would not get frogs to eat.

d. How do human acts like deforestation affect a food chain?

Answer: Deforestation is cutting down of trees at large scale. This leads to food scarcity. The animals which depend on plants for there are badly affected. They either die or move to other places in search of food. This then invariably affects the carnivores.

All of the interconnected and overlapping food chains in a habitat make up a food web.

A Food Web

Q5. Study the food web and construct two food chains with four links from it.

Answer: a. corn ⟶ grasshopper ⟶ rat ⟶ python

b. mangoes ⟶ fruit fly ⟶ Thrush ⟶ Eagle

Home Assignment Model Answers May 09, 2020
Class VI
Social Science

Q.1 Name the following aspects of studying history:

a) The study of the sequence of past events.
Answer: Chronology

b) The study of human history and pre-history, through the excavation of sites and the analysis of physical remains.
Answer: Archaeology

c) A scholar who studies or writes about past.
Answer: Historian

d) Any document written by hand on soft surfaces.
Answer: Manuscript

e) Writings on hard surfaces.
Answer: Inscription

f) The study of ancient inscriptions.
Answer: Epigraphy

g) The study of coins.
Answer: Numismatics

Q2. How is the work of archaeologist and a historian similar to that of a detective?
Answer: Archaeologist/historian study past human activity by excavating, dating and interpreting objects and sites of historical interest. A detective tries to put together clues and written record to piece together the past.

Q.3 Why did early human settle near the river valleys?
Answer: a. River valleys provided fertile land
         b. Easy availability of water for daily needs
         c. Transportation.

Q.4 What were the benefits of discovery of fire to the early nomads?
Answer: a. It helped protecting themselves from severe cold
         b. Cooking
         c. Scaring away the wild animals