

**English**

**Answer the following questions based on your reading of EFT (Lesson 1-10)**

Lesson 1:

- a. Write about Tarun's first day at school.
- b. How did you feel on the first day of school ?

Lesson 2:

- a. Why is Babul's dad proud?
- b. What made Rahul look happy?
- c. Why did Raj congratulate Manzoor?

Lesson 3:

- a. Where was Sajjad going?
- b. What was the young lady doing?
- c. What was the group of young people doing?

Lesson 5:

- a. What does Bulbul do?
- b. What does people of Sankar do?
- c. Why do you think Bulbul's job is important?

Lesson 6:

- a. What does father like to do on Saturdays sometimes?
- b. When does Amal come back from school?

Lesson 9:

- a. What does it mean to keep healthy?

- b. What is good health?
- c. How can you help others in society?
- d. What is hygiene?
- e. What are the essentials for good health?
- f. What is a balanced diet?
- g. How can you practice personal hygiene ?

Lesson 10:

- a. What are natural cures based on?
- b. Which civilizations are known for herbal treatment?
- c. What natural remedies are used for cold?

**Email:** a - e (according to syllabus)

**Paragraph:** c, d, e (according to syllabus)

**Find out the following words in the story and underline. Identify the parts-of-speech. Write**

**down the meaning and two synonyms for each word.**

**Word list :** glistening, surf, stroll, edge, skimming, explore, appear, nestle, unoccupied, curious,

investigate, creak, ascend, porch, weather, ajar, cautious, disarray, chockablock, splinter, startle,

slam, utter, flicker.

## The Beach House

The water was glistening in the summer's morning sunlight and the surf was cool on their feet as

Krin and Paula happily strolled along the water's edge. Collecting shells and skimming stones as

they went, the brother and sister were having a ball exploring what appeared to be a never-

ending beach. After a while, they stopped and looked back. Their parents and the umbrellas,

chairs, and crowds were a long way off. But just ahead, nestled amongst sea grape trees, stood a

run-down house. It appeared to be unoccupied; curious, they went to investigate. The steps

creaked as they ascended them, as did the porch when they stepped onto it. The shutters and

porch railing were weathered and broken. The front door was ajar so they squeezed through and

cautiously entered. The place was in total disarray, chockablock with dust, sand, dead leaves, and

overturned, splintered furniture. They'd taken but a few steps when the door unexpectedly

slammed shut behind them. Startled, Krin and Paula spun around. Before they could even utter

something like "Uh-oh," the window shutters clapped closed, too. And if this wasn't scary

enough, the stairs to the second floor squeaked. When a light in the back bedroom flickered, that

was absolutely the final straw. "Let's get outta here, Paula!" And out they ran, all the way back to

those wonderful umbrellas, beach chairs, and crowds.

**Answer the following questions from your reading of the story :**

a. Give a brief description of the setting on the beach ( scenery, things, mood)

b. The experience in the abandoned house was scary- why so? What made it scary? Explain.

**Find out the following words in the story and underline. Identify the parts-of-speech. Write**

**down the meaning and two synonyms for each word.**

**Word list :** eager, serve, savory, dip, , locate, avenue, jovial, appealing, aroma, stroll, distracted,

temptation, commotion, entourage, heap, exclaim, mouthful.

### **Block Party Celebrity**

Newly moved in and eager to meet their neighbors, the Guerrero family had a great idea. They

would serve Rosa's delicious elote, a favorite savory dip made with corn and cheese, at the block

party. They set up their table in front of their house, located at the quiet end of the block, far

from the busy avenue. The family was in a jovial mood as they set up aluminum trays of elote,

tortilla chips, plastic bowls, forks, and napkins. Despite the appealing aroma of corn, few people

strolled over, distracted by temptations elsewhere on the block. With few neighbors to serve, Ms.

Guerrero permitted Yimi and Luisa to explore. When they returned, ice creams in hand, a

commotion grabbed their attention. It was the town's mayor, Elena CarilloLopez, and her

entourage. They had arrived at the Guerrero's end of the block. The mayor stopped first at their

table, smiling warmly as Luisa heaped elote into a bowl, added some chips, a fork, and served it

with a napkin. "Holy guacamole, your elote is the best!" the mayor exclaimed, glowing with

each mouthful. Rosa blushed, saying, "Gracias, señora." Well, that did it. It seemed now that

everybody else made a bee-line to the Guerrero table.

**Answer the following questions from your reading of the story :**

1. Why did the Guerrero family throw a block party?
2. The story took a turn for the Guerrero family because of the Mayor- explain with reference to the story.

**Find out the following words in the story and underline. Identify the parts-of-speech. Write**

**down the meaning and two synonyms for each word.**

**Word list :** jumble, murky, contain, whirl, chaos, tangled, separate, float, settle, stride ( past :

strode), vast, apart, turn, form, glittering

### **Egg of Chaos**

At first, the universe was jumbled inside a huge egg. That murky chaos contained all forms of opposites,

or yin and yang. In the whirling mixture were water and fire, night and day, north and south, and so on.

And there was Pangu, the being who would one day create our world. Pangu slept inside the egg of chaos

for 18,000 years. During that time, the yin and yang of all things was tangled together. He separated the

heavier yin from the lighter yang. The yang floated up to become the sky while the yin settled to become

the earth. Standing between the two parts, Pangu's head touched sky and his feet strode upon earth. Over

the next 18,000 years, sky and earth grew ever more vast, moving apart by ten feet each day. Pangu also

grew, keeping sky and earth separated. By the time of his death, earth and sky had settled into their

places. One of Pangu's eyes became the sun, the other the moon. His breath became wind and clouds; his

voice turned into the sound of thunder. Pangu's body formed great mountains and his blood its flowing

waters. His veins became roads and his muscles fertile fields. His hairs remained in the sky as glittering

stars.

Answer to the questions based on your reading of the story:

- a. Where did Pangu sleep? For how long was he asleep?
- b. What are the two things you like about this Chinese myth about 'Creation of Earth'?

## **Math** **Chapter: 4.3**

Addition:

1.  $3x + 4y$ ,  $a + 3b$
2.  $7x + 5y + 2z$ ,  $3x - 6y + 7z$ .
3. i.  $4p^2 + 7q^2 + 4r^2$ ,  $p^2 + 3r^2$ ,  $8q^2 - 7p^2 - r^2$ .  
ii.  $3a + 2b - 6c$ ,  $-5b + 4a + 3c$ ,  $8b - 6a + 4c$ .

$$4. \begin{aligned} a^2 &= x^2 + y^2 - z^2 \\ b^2 &= y^2 + z^2 - x^2 \\ c^2 &= x^2 + z^2 - y^2. \end{aligned}$$

Now show that,  $a^2 + b^2 + c^2 = x^2 + y^2 + z^2$ .

### Subtraction

1.  $5a + 4b - 2c$  from  $3a + 2b + c$ .
2.  $x^3 - 2x^2 + 2x + 3$  from  $x^4 + 2x^3 + x^2 + 4$ .
3.  $-a^2 + b^2 - c^2$  from  $a^2 + b^2 + c^2$ .
4. If  $x = a + b$ ,  $y = b + c$ ,  $z = c + a$  then show that  $x - y + z = 2a$ .
5. If  $x = a + b + c$ ,  $y = a - b - c$ ,  $z = b - c + a$  then show that  $x - y + z = a + 3b + c$ .

### 3rd day:

1. Fill in the blanks:

- a.  $(-8) + \square = 0$
- b.  $13 + \square = 10$
- c.  $12 + (-12) = \square$
- d.  $(-4) + \square = -12$

2. Find the value of :

- a.  $(-7) + 8 - (-25)$
- b.  $(-13) + 32 - 8 - 1$
- c.  $(-7) + (-8) + (-90)$

3. Find difference:

- a.  $35 - 20$
- b.  $72 - 90$
- c.  $(-15) - (-18)$

### 4th day:

1. Write all the integer between the given pairs:

- a) 0 and -7
- b) -4 and 4
- c) -4 and -15
- d) -30 and -23.

2. Write four negative integers greater than -20.

3. Write four negative integers less than -10.

4. Write four negative integers between.

### 5th day:

Exercise: 1.1 - (3, 4, 5, 6, 7)

### 6th day:

Exercise: 1.2 (1, 2, 3, 4, 5, 6, 7, 8)

Geometry all definition.

8th day:

Theorem - 01.

## Science

### chapter - 1

1) Shafin reads in govt. Laboratory High School. After completion of the first chapter of the science textbook, his science teacher gave him an assignment. He has to experiment whether water is necessary for a plant to survive. His teacher gave him a preliminary idea of the steps of scientific process required for this experiment.

- What is knowledge?
- What do you understand by science?
- Mention the steps of the scientific process in a flow chart.
- How Shafin will carry out this assignment?

2) Unknown length, mass and time are measured comparing them with the respective unit. Thus the fixed standard value or the quantity in comparison to which something is measured is called a unit of measurement. A number and a unit express a measurement.

- What is called unit?
- what are the fundamental and derived units?
- The length of a brick is 20 cm. Its breadth is 10cm. and the height is 5 cm. In C.G.S and System international -what is the volume of the brick?
- Clarify the measurement in everyday life, with example.

$$3) \frac{\frac{1 \text{ cubic}}{1 \text{ span}}}{1 \text{ foot}}$$

- How many systems of measuring are there?
- What is called the system international and the CGS system of measurements?
- The length of your reading table is 1 meter and its breadth is 75cm. What are the areas of the top of the table in the System International and in the C.G. S System?
- What is the historical background of measurement?

4) In the summer vacation, Nomita went to the Sundarban with her maternal uncle. She saw a large crocodile on the river bank. They also saw monkeys and deer there. In the rivers, they saw a group of men and women catching prawn.

- a) What are mammals?
- b) What class do the crocodiles belong to and why?
- c) Making a list of the animals mentioned in the text and show their position in the animal kingdom.
- d) What differences are seen between prawn and crocodile?

5)



Figure- A

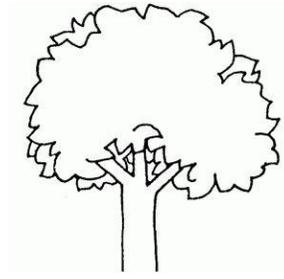
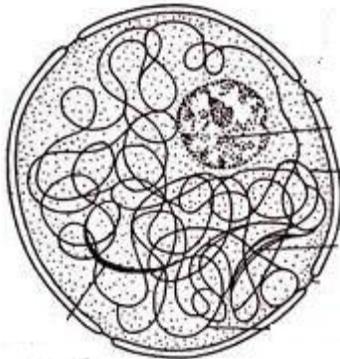


Figure - B

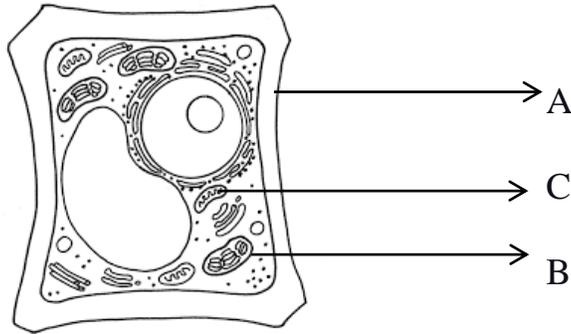
- a) What are the flowering plants?
- b) What are naked seed plants and closed seed plants? Explain.
- c) How can we differentiate between naked seed plants and closed seed plants?
- d) Find out similarities and dissimilarities between man and plant.

6) An incomplete picture cell organelle is given below-



- a) What organelle of the cell is the above picture?
- b) Explain the position of the upper portion in animal and plant cells?
- c) Draw the complete picture of the above incomplete one and mark its different portions.
- d) Explain why the upper portion of the cell is called an essential part.

7) Observe the following figure and answer the question



a) What is shown in the above figure?

b) Explain the characteristics of the A marked portion.

c) Explain what would happen if the C marked portion would not be in the cell.

d) The B marked portion shown in the picture bears special characteristics of the above cell. Discuss.

8) We can see numerous plants around us. An ideal flowering plant can be divided into some parts.

a) Name the parts of ideal flowering plants.

b) Write down the importance of root in human life.

c) Write down the importance of leaf and stem in the plant's life.

d) Describe one of the groups of stem.

9) The lower plants have no leaf. But in fern and moss, there is a leaf-like organ. Though the leaf of moss is not the ideal leaf.

a) What is a leaf?

b) How many parts are there in a typical leaf and what are they?

c) Mention three differences between a simple and a compound leaf.

d) What are the functions of a leaf?

10) Carbon-dioxide-R-light/chloroplast S-water-oxygen

a) What in this world is the source of all energy?

b) Why does photosynthesis not take place at night?

c) Analyze the importance of the above reaction in the animal world.

11) In the biology class, the class teacher said that plants give us food, clothing, oxygen, and almost everything. You should not destroy plants but if you have a chance try to make new plantations for the betterment of the coming generation.

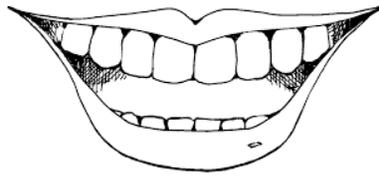
a) In which process plants produce oxygen?

b) How plants release oxygen to the air and absorb carbon dioxide from the air?

c) Describe how you will leave a palatable environment for the future generation.

d) Destruction of plants is to destruct the future of human civilization-Discuss.

12)Observe the following figure and answer the questions



- a)What is shown in the above figure?
- b)Why yellow or white coating may form in the above organ?
- c)Explain how we get a different taste from the organ.
- d)Discuss the function of the above organ. How you will take its care?

13)Look at the figure and answer the following questions.



figure-A

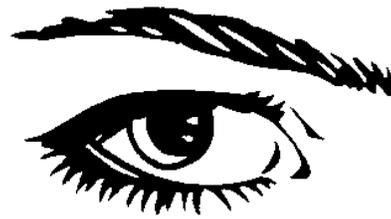
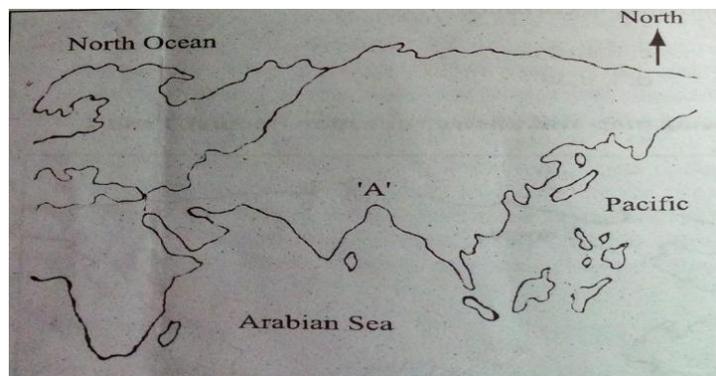


figure-B

- a)What are sensory organs?
- b)State the function of a figure -A.
- c)Mention different parts of figure-A
- d)describe different parts of B and label figure-B.

### **Bangladesh and Global Studies**

1.



- a) What is the name of the highest mountain peak of the world?

- b) Why do tourist centers thrive in islands and archipelagoes?
- c) How is the physiography of the continent marked as 'A'? Describe.
- d) Does this continent have any role in the economic development of the world?

2.

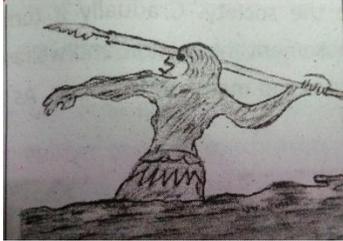


Fig-1



Fig-2

- a) What is porabari famous for?
- b) Why did the primitive people live in groups?
- c) Name the society the testimony of which is signified by figure-1 in the excerpt, explain.
- d) Figure-2 signifies that women were the introducers of society-evaluate the statement.

3. After the annual examination, Rima along with her father went to visit the largest sea-beach of the world. Rima saw many tourists of home and abroad. Father said that the mass water she sees is a gulf and a source of inexhaustible resources.

- a. what is the name of the only coral island of Bangladesh?
- b. why is Japan called the land of rising sun?
- c. draw a map and identify the location of the mass of water seen by Rima?
- d. why has Rima's father called this gulf a store of inexhaustible resources? explain.

4. In 1947, at the time of partition of the country, Mr. Komol, a weaver, left Bangladesh and went to India to live there permanently. His son Sujoy, with one son, has settled in America as a university teacher.

- a. What is birth rate?
- b. How do geographical elements and locations affect mortality rates?
- c. Which dominant element of population change is noticed in Mr. Komol's case?
- d. what type of role will Sujoy's family play in population change? Evaluate.

5. Ahira went to village with her father. Her cousin Mim likes to take panta rice and fish in her breakfast and listen Bhatiali songs. Ahira got upset when she was given rice and fish in the breakfast. Because she takes Burgar, parata and omelet in her breakfast. After finishing her college education, she spends her time using Internet.

- a. What is concrete culture?
- b. Culture is not static but changeable.--Explain.
- c. Which culture of Bangladesh is reflected in the Mim's case?

d. Do you notice the impact of globalization in Ahira's culture? Give your opinion.

6. Jaman makes leather bags in his factory. In the first year, a small number of his bags was sold in England. But after three years, a great demand of his products in the European countries is noticed. On the other hand, his wife Rohima sells more a hundred eggs in the market from the farm in the yard. By dint of their joint effort, they are happy in their family life.

a. What percentage of the population of Bangladesh lives in the urban areas?

b. Why is Bangladesh called an agricultural country?

c. The features of which economic sector does Mrs. Rohima's work have affinity with?

d. Whose economic work between Jaman and Mrs. Rohima is more helpful to economic development? Give reasons for your answer.

7. All of the four sons of Mr. Rahman, a middleclass man, are unemployed. The eldest son Abir has been sent to Saudi Arabia with borrowed money. There he got a job in a date garden. He was inspired by seeing the use of knowledge and technology to grow various fruits including dates on the infertile desert land. Thinking about backwardsness of agriculture in his own country, he came back home and decided to make a farm with his three brothers. Getting the three brothers trained from horticulture center about agriculture production, he and his three brothers collectively made a farm and got established as a successful businessman.

a. What is the percentage of the contribution of agriculture in our national economy?

b. What do you mean by service sector?

c. With which economy Mr. Abir got involved returning from Saudi Arabia?

d. 'All four sons of Mr. Rahman are now human resources' Evaluate.

8. Make one word question with answer from chapter one to seven. Each chapter you have to make 30 questions.

## **Religion**

### **Chapter: One**

Short questions:

1. What do you mean by Tawhid?

2. What is the meaning of Aqida?

3. Allah is one, Only One. What is the name of this belief?

4. What is the meaning of the word Kalima?

5. What is the meaning of the word Muzmal?

6. What is the meaning of the word Karim?
7. What is the meaning of the word Alim?
8. What is the meaning of the word Malikun?
9. What is the meaning of the word Hakim?
10. Risalat means what?
11. Who was the first prophet?
12. What is the meaning of Husna?
13. What is the basic foundation of Islamic faith?
14. What is the Arabic word regarding the day of resurrection?
15. Who are the teachers of mankind?
16. The life of Akhirat begins-
17. Which is the crop field of Akhirat?
18. Asmaul Husna means-
19. Hashar means-
20. Hashar is the day of .....
21. Malik means.....
22. Karim means .....
23. Alim means .....
24. Kalima means .....
25. From which language do we get the word Tawhid?
26. Who takes care of all the creations?
27. Who taught us Tauhid to establish Tauhid on earth?
28. What is the main basis of Iman and Islam?
29. What is the main basis of faith?
30. How can a man enter into Islam?
31. What does Iman mean?
32. Who is our creator?
33. What is the singular form of Aqidah?

### **Creative Questions:**

1. Rahim went to his maternal uncle's home after the SSC examination. Uncle took him to the Sundarbans in Khulna for travelling. He became charmed at the pleasant sceneries of plants and sea beach of the Sundarbans and said to his uncle, "What a wonderful creation!" He asked his uncle, "Uncle, are all these created by Allah, or creations of the nature?" uncle made him understand, "Everything in this world has been created by Allah. The moon, sun, planets, stars and these plantations, waterfalls, mass of water in oceans- all are created by the same creator".
  - a) Write the meaning of Kalima Tayyiba.
  - b) Explain what is meant by 'Risalat'?
  - c) Which issue of Aqidah resembles with Rahim's question to his uncle?

d) Explain the significance of the answer of Mezbah's uncle.

2. Kamrul is a student of class six. He is a believer in a certain religion. He believes in the fundamental aspects of that religion. He makes his Iman more firm by setting up faith in all of those aspects. Besides, he thinks that by setting up faith in the fundamental aspects, peace and happiness of hereafter is ensured. He believes in the fundamental aspects of Iman because those can be the stairs of progress in worldly life too.

a) What does Tauhid mean?

b) Give the identity of Almighty Allah.

c) Which topic of your text book can be found similar to the religious faith of Kamrul as mentioned in the stem? Explain.

d) What is the importance of such faith of Kamrul? Give your opinion.

3. After taking treatment for a long time and waiting for a long period Mr. Emon's wife gave birth to a male child. Mr. Emon named the new born child 'Emran'. But Mrs. Emon calls her son 'Raju'. At the time of getting the child admitted in a Madrasha, when the teacher of that Madrasha asked the name of his son, Mr. Emon mentioned both of the names. 'Alim' for the influence of name, Alim has become a good man.

a) What does Iman mean?

b) Explain Iman Muzmal.

c) The name 'Alim' mentioned in the stem represents which attribute of Allah? Explain.

d) The name mentioned in the stem is not the complete expression of the attributes of Allah- Analyse.

## Chapter Two

### Ibadat

Short Questions:

1. How many Rukons (pillars) of Islam are there?

2. How many Ahkam of salat are there?

3. What is the sura which is recited in every Rakat of the salat?

4. How many wajibs are there in the salat?

5. How many kinds of worship are there?

6. From which language do we get the word Ibadat?

7. Why has Allah created us?

8. How many times daily prayers should be performed?

9. How many kinds of Najasat are there?

10. What is the meaning of unholiness?

11. What is the meaning of Holiness?
12. How many kinds of Holiness?
13. What is Ablution?
14. How many kinds of Farj of Taiyammum?
15. How many number of the Farj of Bathing?
16. Which one is Ibadat-e-Mali?
17. How many kinds of unholiness are there?
18. How many kinds of Taharatun are there?
19. Holiness is a part of faith" - who says this?
20. How is people's mood after having proper ablution?
21. From which language does the word 'Ghuls' derive?
22. How many compulsions (Farz) of bathing are there?
23. Which one is the be recited in every Rakat of salat?
24. Which one stands next to faith?
25. Which one is the key to heaven?

Creative Question:

1. Mission and Sohail are classmates. Mission tries to perform all types of Ibadat including salat five times a day. He had invited Sohail to salat many times but Sohail has refrained himself from performing it showing different excuses. When Mission requests Sohail for salat, Sohail says, "It is not only I who does not perform salat. There are lots of people who do not accomplish it. I will be destined to experience the same that they will be".

- a) What is the meaning of Ibadat?
- b) Why do we need to maintain holiness? Explain.
- c) Explain the character of Mission in the light of the stem.
- d) Analyse the consequence of Sohail in the context of your textbook.

2. Robel is a student of class nine. He says unclean. He does not take a bath regularly. He does not even wash his clothes cleanly. He does not brush his teeth regularly. He does not brush his teeth regularly and does not cut his nails properly. Moreover, his reading table is always a mess. He does not keep his bedroom tidy either. Besides, he drinks wine and smokes cigarette. Whenever his parents talk about these, he does not pay heed to his parents.

- a) What is the meaning of Ghul?
- b) What do you understand by external holiness?
- c) How can the activities of Robel in the stem be considered in Islam? Explain.
- d) What do you think about the horrific result of Robel's activities? Give your opinion.

3. Jito and Sakib live in the same village. They are very close friends. They went to the mosque for saying prayers of Juma. After entering the mosque Joto told Sabik, 'Lets attain holiness, friend. Sakib agreed to Jito and said, "Holiness is compulsory for salat. Then they had taken preparation for salat by becoming holy.

- a) How many kinds of holiness are there?
- b) What is meant by cleanliness?
- c) In the passage, how did Jito and Sakib attain holiness? Explain.
- d) Is ablution the only way to attain holiness? Give your opinion based on the text book.

### Chapter: Three

Short questions:

1. How many kinds of discussion are there in the Ayats of Sura An Nas?
2. How many times has the word 'An Nas' been used in Sura An Nas?
3. Of which Sura of the holy Quran was revealed first?
4. Which has second position in Islam after the holy Quran?
5. In Islam in respect of dignity next to the holy Quran.
6. The number of verses of sura Fatiha is -----
7. Which Sura is the last sura of the Quran?
8. What is the meaning of the word Tilawat?
9. What is the original meaning of the Quran?
10. What type of work is it to recite the holy Quran?
11. What is the result of reciting the Holy Quran?
12. What is the meaning of the word Tajbid?
13. What is it to read Quran in accordance with Tajbid?
14. Which one is the last Makhraj?
15. What is the meaning of the word Makhraj?
16. What is the meaning of the word Hedayet?
17. What is the meaning of Lauhi Mahfuz?
18. What is the meaning of word Fatiha?
19. Where was Sura Fatiha revealed?
20. Which Sura is called Ummul Quran?

Creative Questions:

1. Sanjida and Nadia works in the same office. Both of them are given a list of their responsibilities for the next Six months by their boss. They both promise to finish the work in time. Sanjida gets promotion for satisfying the authority by completing her work in time. However, Nadia is scolded for not completing her work in time. As a result, Nadia start feeling jealous towards Sanjida. Then Sanjida says, "Jealousy is like living in the hell, it destroys in all ages".

- a) What is the meaning of Hadith?
- b) What is meant by 'Makhraj'? Explain.
- c) What has been exposed through Sanjida's act? Explain in context of your text book.
- d) Analyse the consequence of Nadia's activity in the light of the related Hadith.

2. Arif is a meritorious student of class VI. He is very much interested to know about any matter. One day he was reading a religious book named 'D' which is the last and the best heavenly book. It comprises the book on the last prophet Hazrat Muhammad (Sm) for the guidance of mankind. The identity and attributes of Allah, faith and all elements of Islam have been described in it.

- a) How many heavenly books are the main?
- b) What is meant by Tajbid?
- c) Which religious script is similar to that of the religious script named 'D' you read? Explain.
- d) How much importance does the said religious script have? Give your opinion.

### **Information and Communication Technology**

1. Write down the uses of ict in the field of education?
2. What is data called?
3. What does 'Global Village' mean?
4. Write down the uses of ict in daily life.
5. Mention the uses of ict in the field of publication and advertising and mass media.
6. Write about the processor.
7. What does application software mean?
8. Write down about modem.
9. Write down about optical fiber.
10. What are input and output device called?
11. What do you mean by computer virus?
12. Which factors should be taken care for the safest use of computer?
13. What are the things that should be monitored carefully to keep the computer safe?
14. Write down about smart phone or mobile phone.
15. Write down about satellite.