

# KENDRIYA VIDYALAYA KHAMMAM

Formative Assessment – 1 (2016-2017)

Class : VII (A,B,C)

Subject : Science

## BLUE PRINT

S.No.	Chapter	Blanks (1m)	MCQ (1m)	VSA (2m)	SA (3m)	LA (5m)	Total
1.	Nutrition in Plants	2 (1m)	3(1m)	1(2m)	1(3m)	–	10m
2.	Nutrition in Animals	2 (1m)	1(1m)	2(2m)	1(3m)	1(5m)	15m
3.	Fibre to Fabric	1 (1m)	1(1m)	1(2m)	2(3m)	1(5m)	15m
		5 (1m)	5(1m)	4(2m)	4(3m)	2(5m)	<b>40m</b>

Types of questions & distribution of marks –

- |                                |              |
|--------------------------------|--------------|
| 1. Fill in the blanks          | 5 X 1M = 5M  |
| 2. Multiple Choice Questions   | 5 X 1M = 5M  |
| 3. Very Short Answer Questions | 4 X 2M = 8M  |
| 4. Short Answer Questions      | 4 X 3M = 12M |
| 5. Long Answer Questions       | 2 X 5M = 10M |

-----  
TOTAL 20Q = 40M  
-----

**KENDRIYA VIDYALAYA KHAMMAM**  
**Formative Assessment – 1 (July -2016)**

Class : VII  
Subject : Science

Maximum Marks : 40  
Time Allowed : 1½ Hour

**SECTION A – FILL IN THE BLANKS**

**5 X 1 = 5M**

1. In the process of photosynthesis, plants release \_\_\_\_\_ gas into air.
2. Leaves are green in colour due to the presence of \_\_\_\_\_ pigment.
3. Amoeba digests its food in the \_\_\_\_\_.
4. The largest gland in human body is \_\_\_\_\_ .
5. Pashmina shawls are made of \_\_\_\_\_goats.

**SECTION B – MULTIPLE CHOICE QUESTIONS**

**5 X 1 = 5M**

Choose the correct answer from the given options -

6. The plant which traps and feeds on insects is \_\_\_\_\_  
(a) Cuscuta            (b) Rose            (c) Pitcher plant            (d) Banana
7. Which part of the plant makes food ? \_\_\_\_\_  
(a) Root            (b) Flower            (c) Leaf            (d) None of these
8. Amarbel (Cuscuta) is an example of \_\_\_\_\_  
(a) Parasite            (b) Autotroph            (c) A & B            (d) Host plant
9. Which of the following is not digested by human beings ?  
(a) Proteins            (b) Cellulose            (c) Fats            (d) Glucose
10. At which stage of the life history of silk moth do we get silk fibre ?  
(a) eggs            (b) cocoon            (c) A & B            (d) mulberry leaves

**SECTION C – VERY SHORT ANSWER QUESTIONS****4 X 2 = 8M**

(Give your answer in one or two sentences)

11. Name *any two* differences between heterotrophs and autotrophs.
12. Write the names of the teeth which are –
  - (a) used for chewing and grinding food
  - (b) used for biting and cutting food
13. What are ruminants ? Which of these animals are ruminants – fish, amoeba, dog, cow, cat, human beings
14. What is meant by the following terms –
  - (a) *Shearing*
  - (b) *Sericulture*

**SECTION D – SHORT ANSWER QUESTIONS****4 X 3 = 12M**

15. Draw a diagram showing photosynthesis in plants.
16. (a) Write functions of the tongue.  
(b) Why should we brush our teeth ?
17. Write the missing steps in the process of wool production –  
Shearing, \_\_\_\_\_, Sorting, \_\_\_\_\_, \_\_\_\_\_
18. Make sketches of the stages in the life history of silk moth.

**SECTION E – LONG ANSWER QUESTIONS****2 X 5 = 10M**

19. Draw a neat diagram of human digestive system and label its parts.
20. (a) Name some fibres obtained from animals.  
(b) Describe briefly how silk is produced.