

**EMMANUEL MISSION SR SEC SCHOOL, BEAWAR**  
**ONLINE CLASSES**  
**WEEK – 22 (31.08.2020)**  
**CLASS – VII**

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Hindi: [https://youtu.be/ZwdmaCk-b\\_E](https://youtu.be/ZwdmaCk-b_E)

Mathematics: <https://youtu.be/j-8YAq0CYgY>

General Science: Kindly see below

Social Studies: [https://youtu.be/BE3sk\\_CtK3k](https://youtu.be/BE3sk_CtK3k)

Sanskrit: Kindly see below

Computer Science: <https://youtu.be/6zq0DEuNjt8>

General Knowledge: Kindly see below

Physical Education: <https://youtu.be/13XtvdbAMp0>

Music (Guitar): <https://youtu.be/WKIBXwaIQ0g>

Music (Keyboard): <https://youtu.be/QOVz11hm06Y>

Health & Sanitation: <https://youtu.be/yJPxhxRw8aA>

Art Education: <https://youtu.be/rreVcbkj3yg>

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**EMMANUEL MISSION SR SEC SCHOOL, BEAWAR**  
**SCIENCE**  
**CLASS- VII**  
**Ch. 9 – Soil**

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**A. Multiple choice questions :**

1.(a) , 2(b) , 3. (b), 4.(c), 5. (d)

**B. Fill in the blanks with suitable words :**

1.Weathering ,2. B. Horizon, 3. Humus, 4. Silt, 5. Clayey

**C. Match the items in column A with those in column B :**

1 .(b) , 2. (a),3.(d), 4.(c)

**D. State True (T) or False (F).**

1.(T), 2.(T), 3.(F), 4.(T), 5.(F)

**E. Very short – answer type questions :**

**1 . Name the worm which increase soil fertility.**

**Ans. :** Earthworm is the worm which increases soil fertility.

**2 . Name the soil layer.**

**Ans. :** A – horizon ( Topsoil), B – horizon, C- horizon.

**3 . Where are roots of small plants present in the soil ?**

**Ans. :** In A – horizon roots of small plants present in the soil.

**4 . Why is clayey soil heavy ?**

**Ans. :** Clayey soil contains greater proportion of clay particles and small proportion of sand. Clay particles are tightly packed together so it is heavy soil.

**5 . What does pH scale measure ?**

**Ans. :** The pH scale measure acidic or basic property of a substance. The pH scale ranges from 0 to 14.

**6 . What does soil provide to the plants ?**

**Ans. :** Soil provides nutrients and water to the plants.

**7 . Which layer of soil is the most fertile ?**

**Ans. :** Top soil or A – horizon layer of soil is the most fertile.

**F. Short – answer type questions :**

**1 . What do you understand by the term ‘ weathering’?**

**Ans. :** Soil is formed by breaking of rocks by the action of air, water and temperature, called weathering.

**2 . Why is loamy soil considered the best for growing plants ?**

**Ans. :** Loamy soil is the best for growing plants. It is a mixture of sand, clay and one more type of soil particles called silt. This soil contains right proportion of air and water for the growth of the plants.

**3 . Why is soil considered one of the most important natural resources ?**

**Ans. :** Soil is one of the most valuable natural resources because of the following reasons :

1 . Soil provides nutrients and water to the plants.

2 . Many minerals that are used in industry are present in soil. Examples of such minerals are called, bauxite, gypsum, etc.

3 . Soil is used for making bricks , huts and pottery.

4 . Many organisms live in soil. It is the home for insects, worms, bacteria, fungi and burrowing animals.

#### **G. Long – answer type questions :**

**1 . What is soil profile ? Name the various horizons present in a soil profile.**

**Ans. :** It is arrangement of different horizons in a vertical section of soil.

**(a) Top soil or A- horizon :-** This is the uppermost horizon, It is dark in colour because of the presence of rotten dead matter called **humus**. This horizon is the most fertile one. Many living organisms like worms, rodents, moles and beetles are present in this layer. Roots of small plants are present in this horizon.

**(b) B – Horizon :-** This horizon is present just below the A – horizon. This horizon contains less amount of humus and more amount of inorganic salts. Roots of the tall trees can reach to this horizon.

**( c) C – Horizon :-** It is the lowest horizon. It consists of small lumps of rocks. Beneath the C – horizon, bed rock is present which cannot be easily dug up.

**2 . Why sandy soil has poor water holding capacity ?**

**Ans. :** Sandy soil contains large proportion of sand particles and small proportion of clay. Large particles of sand do not fit closely together leaving large spaces between them.

**3 . Differentiate between sandy, clayey and loamy soil.**

**Ans. :**

<b>Sandy soil</b>	<b>Clayey soil</b>	<b>Loamy soil</b>
1 . It is mixture of large proportion of sand and small proportion of clay	1 . It is mixture of large proportion of clay and small proportion of sand	1 . It is a mixture of clay, sand and silt
2 . It is not good for most of the crops	2 . It is good for grown. Paddy, Wheat and gram	2 . It is best for most of the pulses Cultivated
3 . Capacity of holding water is less.	3 . Capacity of holding water is more	3 . Capacity of holding water is right proportion

# EMMANUEL MISSION SR SEC SCHOOL, BEAWAR

## SANSKRIT CLASS – VII

### पंचमः पाठः-पर्यावरण-महोत्सवः

(लोटलकार)

#### क्रियाकलापाः

1. निम्न गतिविधि में प्रत्येक फूल क्रमशः “क्त्वा”, “तुमुन्”, “ल्यप्” का प्रतिनिधित्व कर रहा है, इन फूलों की पत्तियां झड़ चुकी हैं। गिरी हुई पत्तियों को उनके फूलों से मिलाइए-

क्त्वा-गत्वा, दृष्ट्वा, हसित्वा, पठित्वा

तुमुन्- नन्तुम्, ज्ञातुम्, गन्तुम्, स्मर्तुम्

ल्यप्- प्राप्य, विज्ञाय, विहस्य, उत्थाय

2. चित्र को देखकर मंजूषा की सहायता से संस्कृत में पाँच वाक्य बनाइए-

1. पितामहः भ्रमितुम् गच्छति।
2. पितामही पूजनाय पुष्पाणि आनयति ।
3. जनकः समाचारपत्रं पठति।
4. माता भोजनं पचति।
5. मम गृहं स्वच्छं अस्ति।

#### स्वमूल्यांकनं

उदाहरणं अनुसृत्य धातुभिः सह क्त्वा-तुमुन्-ल्यप्-प्रत्ययान् योजयित्वा लिखत-

	क्त्वा।	तुमुन्।	ल्यप्
(i)	ज्ञात्वा।	ज्ञातुं।	विज्ञाय
(ii)	हसित्वा	हसितुं	विहस्य
(iii)	स्थात्वा।	स्थातुं।	अवस्थाप्य
(iv)	रक्षित्वा।	रक्षितुं।	संरक्ष्य
(v)	त्यक्त्वा।	त्यक्तुं।	परित्यज्य

#### मूल्यपरकप्रश्नाः

1. ख
2. क
3. क

**EMMANUEL MISSION SR SEC SCHOOL, BEAWAR**  
**GENERAL KNOWLEDGE**  
**CLASS- VII**  
**CURRENT AFFAIRS**

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Q1. Which state reports first confirmed coronavirus case in India?

**Ans: Kerala**

Q2. Which city hosted the Indian Science Congress in 2020?

**Ans: Bengaluru**

Q3. Which port is renamed as Shyama Prasad Mukherjee Port?

**Ans: Kolkata Port**

Q4. Which country is largely affected by “Corona” virus?

**Ans: China**

Q5. Which company has acquired the Indian operations of Uber Eats?

**Ans: Zomato**