

**EMMANUEL MISSION SR SEC SCHOOL, BEAWAR**  
**ONLINE CLASSES**  
**WEEK – 23 (03.09.2020)**  
**CLASS – VIII**

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English: Kindly see below

Hindi: <https://youtu.be/oaX2GrHrcmM>

Mathematics: Kindly see below

General Science: Kindly see below

Social Studies: Kindly see below

Sanskrit: Kindly see below

Computer Science: Kindly see below

General Knowledge: Kindly see below

Moral Science: <https://youtu.be/ZxnlWzH3xmU>

Physical Education: <https://youtu.be/nsdPUQ0lg04>

Music (Guitar): <https://youtu.be/9OphXCGrNyk>

Music (Keyboard): <https://youtu.be/z-9UKFPt5DE>

Health & Sanitation: <https://youtu.be/3uMnVQvt5uk>

Art Education: <https://youtu.be/hTIMl2T3IGc>

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**EMMANUEL MISSION SR SEC SCHOOL, BEAWAR**  
**ENGLISH**  
**CLASS – VIII**  
**Assessment : Unit - 3 & Poem**

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**A. Answer these questions.**

1. “What are you, anyway ?”
  - a. What did the Nortons want to know about Carole?
  - b. What do you think is problematic with the question? Does the word ‘what’ make a person seem less than human? How?
2. Answer these questions about the Nortons.
  - a. What is the first thing Mr Norton notices about Carole?
  - b. What do you think is the difference between Carole and the Nortons in the way they approach people? Do they treat everyone equally?
3. What do you think Carole has learned about people and their attitude towards race?
4. What is amazing about that process of opening up? What two things change each day?
5. What is our first reading of a poem compared to? Do we find that surprising?
6. The water-lily grows larger in size and gets a deeper colour as it unfolds. What does the poem do?

**EMMANUEL MISSION SR SEC SCHOOL, BEAWAR**  
**MATHEMATICS**  
**CLASS – VIII**  
**CHAPTER – 4 : Practical Geometry**

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**(Ex. 4.2) Solutions**

**1. Construct the following quadrilaterals:**

**(i) Quadrilateral LIFT**

**LI = 4 cm, IF = 3 cm, TL = 2.5 cm, LF = 4.5 cm, IT = 4 cm**

**(ii) Quadrilateral GOLD**

**OL = 7.5 cm, GL = 6 cm, GD = 6 cm, LD = 5 cm, OD = 10 cm**

**(iii) Rhombus BEND**

**BN = 5.6 cm, DE = 6.5 cm**

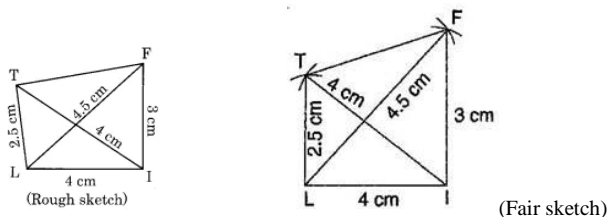
**Ans. (i) Given:** LI = 4 cm, IF = 3 cm, TL = 2.5 cm, LF = 4.5 cm, IT = 4 cm

**To construct:** A quadrilateral LIFT

**Steps of construction:**

- (a) Draw a line segment LI = 4 cm.
- (b) Taking radius 4.5 cm, draw an arc taking L as centre.
- (c) Draw an arc of 3 cm taking I as centre which intersects the first arc at F.
- (d) Join FI and FL.
- (e) Draw another arc of radius 2.5 cm taking L as centre and 4 cm taking I as centre which intersect at T.
- (f) Join TF, TI and LI.

It is the required quadrilateral LIFT.



**(ii) Given:** OL = 7.5 cm, GL = 6 cm, GD = 6 cm, LD = 5 cm, OD = 10 cm

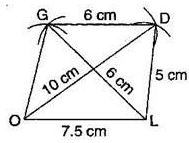
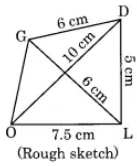
**To construct:** A quadrilateral GOLD

**Steps of construction:**

- (a) Draw a line segment OL = 7.5 cm.
- (b) Draw an arc of radius 5 cm taking L as centre and another arc of radius 10 cm taking O as centre which intersect the first arc at point D.
- (c) Join LD and OD.

- (d) Draw an arc of radius 6 cm from D and draw another arc of radius 6 cm taking L as centre, which intersects at G.  
 (e) Join GD and GO.

It is the required quadrilateral GOLD.



(Fair sketch)

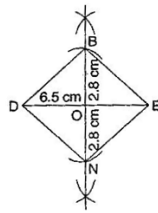
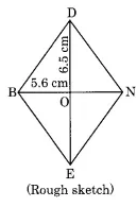
(iii) **Given:**  $BN = 5.6$  cm,  $DE = 6.5$  cm

**To construct:** A rhombus BEND

**Steps of construction:**

- Draw  $DE = 6.5$  cm.
- Draw perpendicular bisector of line segment DE.
- Draw two arcs of radius 2.8 cm from intersection point O, which intersects the perpendicular bisector at B and N.
- Join BE, BD as well as ND and NE.

It is the required rhombus BEND.



(Fair sketch)

**EMMANUEL MISSION SR SEC SCHOOL, BEAWAR**  
**SCIENCE**  
**CLASS – VIII**  
**Revision Assessment: Chapter : 5 And 6**

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**Multiple Choice Questions :-**

1. **The zone of no combustion in a candle flame is the**  
(a) non-luminous zone      (b) dark inner zone      (c) luminous zone      (d) all of these
2. **Natural gas consists mainly of**  
(a) butane      (b) oxygen      (c) carbon monoxide      (d) methane
3. **The gas present in the atmosphere which helps in the combustion of substance is**  
(a) hydrogen      (b) nitrogen      (c) oxygen      (d) carbon dioxide
4. **Fossil fuels are**  
(a) remains of plants      (b) remains of animals      (c) both (a) and (b)      (d) layers of hardened soil
5. **Unburnt carbon particles are released on combustion of**  
(a) solid fuels      (b) gaseous fuels      (c) liquid fuels      (d) all of these

**Fill in the blanks:-**

1. \_\_\_\_\_ occurs when a cracker is ignited .
2. Bacterial action slowly converted \_\_\_\_\_ present in wood into coal.
3. \_\_\_\_\_ of coal produces coke, coal tar and coal gas.
4. \_\_\_\_\_ glow emitting a yellow light when a candle is burnt .

**Short-answer type questions :-**

1. **What happens when coal tar is distilled?**
2. **Explain the principle on which a fire extinguisher works.**
3. **Define carbonization?**
4. **Define combustion.**

**Long-answer type questions :-**

1. **What is the difference between bituminous and anthracite varieties of coal?**
2. (a) **What are the harmful effects of acid rain?**  
(b) **How is acid rain caused?**

**EMMANUEL MISSION SR SEC SCHOOL, BEAWAR**  
**SOCIAL STUDIES (Geography)**  
**CLASS – VIII**  
**Chapter – 15 : Resources – Their Types**  
**Question and Answers**

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**Q3 Answer in 30 -40 words**

**1. What are resources? What is their value?**

**Answer-** Anything that is useful or has value is a resource. They have their value as they are essential part of life we can't prosper without them, thus, it become our responsibility to protect them from pollution.

**2. Explain why resources are distributed unequally over the world?**

**Answer-** The distribution of resources depends upon a number of physical factors like climate, terrain (land) and altitude etc. Because these factors differ so much over the earth that they make all the difference in the distribution of resources and result in inequality.

**3. What are natural resources? How are they important?**

**Answer-** Natural resources are materials and substances that occur naturally and can be used for economic gain. They include minerals, forests, fertile land and water. They are important for the development of any country, they are available in fixed quantity and they are non- renewable so we should conserve them.

**4. How is classification of resources based on origin?**

**Answer-** Classification based on origin are 1 biotic resource 2 Abiotic resources

1 Biotic resources – are obtained from the biosphere. Forests, their products, crops, birds, animals, fish and other marine life are examples of biotic resources. They both are renewable and non- renewable.

2 Abiotic resources – are obtained from non- living things. Land, water, minerals are abiotic resources.

**Q4. Answer these in 60 -80 words**

**1. Why is consumption of resources higher in developed nations than developing nations?**

**Answer-** Consumption of resources is higher in developed nations than in developing nations because developed nations have more income to make use of those resources. So they use as much resources as they can for their growth of economy.

**2. How does technology help in the development of resources?**

**Answer-** By technology we mean the knowledge and skill they have for using their resources. The needs of the people are not the same all over the world .They vary and they change from time to time. Technology should be used immensely and effectively for practical purposes.

**3. What do you understand by sustainable development? Why is it necessary for the people on our earth?**

**Answer-** Sustainable development means that development should take place without damaging the environment. It also should not affect the needs of the future generation. It is necessary for the people on our earth because the future of our planet and its people now depends on our ability to maintain, preserve and sustain the life support system which nature has provided us. It is therefore, our first and foremost duty to make efforts to utilize and sustain renewable resources.

**4. Why is conservation of resources necessary?**

**Answer-** There is limit to everything. If they are used unwisely and limitlessly there can be a lot of problems. Not only it will lead to their depletion but also the natural equilibrium will be distributed. Deforestation or indiscriminate cutting of trees leads to floods, soil erosion, and silting up of the river channels .So to save our life we should conserve these resources.

**EMMANUEL MISSION SR SEC SCHOOL, BEAWARE**  
**SANSKRIT**  
**CLASS – VIII**

**षष्ठःपाठः चाणक्यः चन्द्रगुप्तः च**

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**अभ्यासः**

1. रेखांकितपदानि आधृत्य उचितं विकल्पं चित्वा प्रश्ननिर्माणं कुरुत-

- (i) ग
- (ii) क
- (iii) ख
- (iv) क
- (v) ख

4. प्रदत्तपदानां प्रकृति-प्रत्यय-विभागं कुरुत-

- (i) अनु+इष्+तुमुन्
- (ii) वि+ईष्+ल्यप्
- (iii) निर्+गम्+क्त
- (iv) आ+दिश्+क्तवतु
- (v) ज्ञा+तुमुन्

5. अधोलिखितशब्दानां विपर्ययाः विकल्पाभ्यां चित्वा लिखत-

- (i) विस्तृतं
- (ii) शनैः
- (iii) प्रसन्नः
- (iv) स्थूलः
- (v) आगतः

6. अधोलिखितशब्दान् तेषाम् अर्थः सह मेलयत-

- (i) बदला
- (ii) बदसूरत
- (iii) देखकर
- (iv) अतुलनीय
- (v) खोजने के लिए

**EMMANUEL MISSION SR SEC SCHOOL, BEAWAR**  
**COMPUTER**  
**CLASS – VIII**  
**Assessment Of Lesson-1**

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**Q1. Fill in the blanks:**

- a. \_\_\_\_\_ is a relational database management system.
- b. By default, the database will be created in \_\_\_\_\_ folder.
- c. In Ms Access, data types with numbers, letters are called \_\_\_\_\_.
- d. Stored data is manipulated using \_\_\_\_\_ programming language.
- e. To get information from a database, \_\_\_\_\_ are used.

**Q2. Answer the following in one word:**

- a. Mention the basic data types.
- b. Which database object helps you to print the results?
- c. In relational database, what does a row refer to?
- d. Expand RDBMS.
- e. Name the tabs available in Ms Access.

**Q3. Answer the following:**

- a. Define database?
- b. What is the use of Ms Access?
- c. What is Primary key?
- d. What are the main database objects in Ms Access? Explain them.
- e. Define a table?

**EMMANUEL MISSION SR SEC SCHOOL, BEAWAR**  
**GENERAL KNOWLEDGE**  
**CLASS – VIII**  
**Assessment - 4 : Chapter 9**

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**Learn and solve it**

1. Who was the first woman to walk in the space?
2. Who performed the longest spacewalk?
3. Who was the first Chinese astronaut?
4. Who performed an in – flight repair of the Space Shuttle?
5. Who became the first human to walk in the space?
6. Who spent 20 minutes walking in the space on September 27, 2008?