Pallavan Sr. Sec. School, Jhalawar
Summer Assignment(2018-2019)
Class X
Sub : Social science

Q.1 why is the Ethnic composition of Belgium very complex ?

Q.2 Give an account of ethinic composition of sri Lanka.

Q.3 Elaborate three features of an Act by sri Lankan Government in 1956.

Q.4 How have Belgium and sri Lanka dealt with the Question of power Sharing differently ?

Q.5 what do you mean by power sharing ?

Q.6 compare the federations of coming together and Holding together Type.

Q.7 Explain the Importance of conservation of resources .

Q.8 Metion any three characteristics of Black soil.

Q.9 Explain any three factors responsible for the formation of soil.

Q.10. Distinguish between renewable and non renewable resources.

Subject:- English

1. Learn the meanings of lesson 1. And 2 of Literature and make sentences

    Of the difficult words.

2. Write an article in 150-200 words on any topic of your choice.
3. Read the novel of your syllabus.

विषय :– हिन्दी

गद्य रचना

1. पाठ 1 व 2 के प्रश्नोत्तर याद करें।

पद्य रचना

1. पाठ 1 व 2 के शब्दार्थ लिखे व याद करे।
2. पाठ 1 का भावार्थ लिखे।

व्याकरण

1. "पर्यावरण प्रदूषण" व "स्वच्छ भारत अभियान" पर निबन्ध लिखो।

Subject:- Biology: (Science)

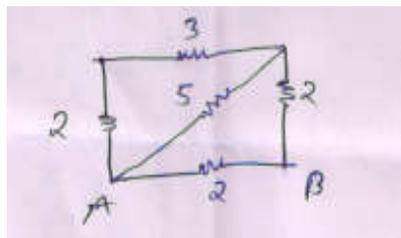**Q. (A) Write answers of the following questions:-**

1. Draw diagrams of "Human Digestive System", Human Respiratory System, "Human Circulatory System" and explain them in detail.

2. Differentiate between photosynthesis and respiration. Define the types of respiration.

3. What is blood? Write all the components of blood with their diagrams.

4. Defile double blood circulation with the help of neat and clean diagram. Who invented double blood circulation?

5. Draw the nephrone and explain the process of excretory system in human beings.
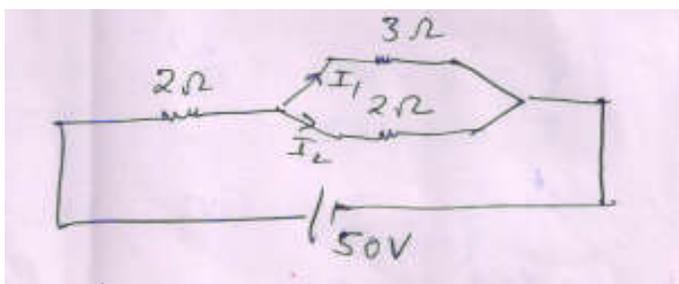
Subject:- SCIENCE CHEMISTRY

Q.1 Define Raincidity with suitable example?

Q.2 Write down differences between Exothermic and Endothermic reaction?

Q.3 $2Ag+CuSo_4 \rightarrow (Ag)_2So_4+Cu$. Is this reaction is possible?

Q.4 Trace out type of Chemical Reaction.

A) $2AgBr (Light) \rightarrow 2Ag+Br_2$

B) $2KClO_3 \ (\ ) \rightarrow 2KCl+3O_2$

Q.5 Define Double displacement Reaction with Suitable Example?
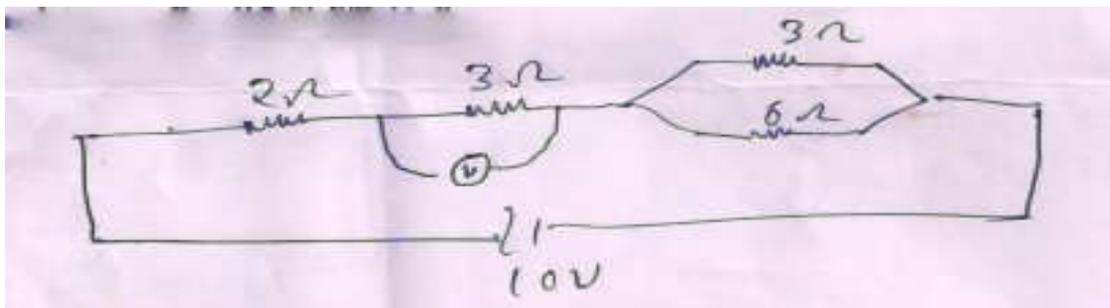
Subject:- SCIENCE PHYSICS

Q.1 Find Effective resistance between A and B.

Q.2 Find I_1 and I_2.

Q.3 Find Reading of Voltmeter.

Q.4 A wire of Resistance R is Stretched to triple its length find Percentage change in Resitance?

Q.5 What is the Resistance of a bulb marked at 100W, 110V ?

Subject:- SCIENCE MATHS

Q.1 Prove that $\sqrt{5}$ is an irrational number.

Q.2 Prove that $2+\sqrt{3}$ is an irrational number.

Q.3 Prove that $\sqrt{2} + \sqrt{7}$ is an irrational number.

Q.4 Solve the Equation-

    i) 2x+y=7 & x-y=6   ii) 7x+6y=8 & x-2y=9

    iii) 3x+2y=7 & 2x-y=8   iv) 2x-y=7 & 8x+7y=8

    v) $\frac{2}{x}+\frac{3}{y} = 17$ & $\frac{5}{x}$ $\frac{6}{y}= 8$ vi) $\frac{5}{x}$ $\frac{1}{y}= 11$ & $\frac{2}{x}+\frac{3}{y}= 2$

    vii) $\frac{x}{5}+\frac{3}{y}= 9$ & $\frac{x}{6}$ $\frac{1}{y}= 11$ viii) 2x-y=9 & 8x+2y=7

Q.5 Find the HCF-

i) 50, 52, 54

ii) 12, 13, 15

iii) 105, 256

iv) 36, 72, 108