

Name ----- Roll No.----- Sig. of Invigilator-----

**New Standard Public School, Raebareli**  
**Half Yearly Examination-2015-16**  
**Subject-Social Science**

**Time: 3Hrs.**

**Class-VIII**

**M.M:- 80**

**Note - The question paper has been divided into four sections all sections are compulsory.**

**Section-A (History )**

**Multiple Choice Questions:-**

**Note:- Choose the correct option:- (Each 2 Marks)**

- Q.1- In 1498, Vasco-da-Gama landed at:  
(i) Madras (ii) Calicut (iii) Bengal (iv) Chennai
- Q.2- The Regulating Act was enacted in:  
(i) 1773 (ii) 1673 (iii) 1873 (iv) None of these
- Q.3- Killing of new born baby girl is called:  
(i) dowry (ii) infanticide (iii) Sati (iv) None of these
- Q.4- Rani Lakshmi Bai was killed by:  
(i) Sir Hugh Rose (ii) Lord Wellesely  
(iii) Robert Clive (iv) None of these

**(Very short answer type questions)**

**Note:- Attempt all the questions:- (Each 2 Marks)**

- Q.5- By whom was Ryotwari system led?  
Q.6- Who were tribals?  
Q.7- Who wrote the book 'Stripush Tulni'?  
Q.8- Who invented the spinning jenny?  
Q.9- What do you know about 'Polygamy'?  
Q.10- Who was the founder of Brahma Samaj?

**(Short answer type questions )**

**Note: Attempt any two questions. (Each 3 marks)**

- Q.11- What attracted European trading companies to India?  
Q.12- Why did Tagore open his school in a natural environment?  
Q.13- In what ways did the British hurt the religious sentiments of the people?

**(Long answer type questions) (Each 4 Marks)**

- Q.14- What was Woods Despatch of 1854? What were its result?

**Or**

Why did the revolt of 1857 fail?

**Section - B (Geography)**

**Note :- All questions are compulsory:- (Each 2 Marks)**

**Multiple Choice Questions:-**

- Q.15- Brass is an alloy of:  
(a) Silver and Zinc (b) Copper and Tin  
(c) Copper and Zinc (d) None of these
- Q.16- Golden fibre refers to:  
(a) Tea (b) Cotton (c) Jute (d) Rubber

**(P.T.O.)**

**(Very Short answer type questions)**

**Note: - All questions are compulsory (Each 2 marks)**

- Q.17- What do you understand by 'Horticulture'?  
Q.18- Which country is the largest producer of Bauxite in the world?  
Q.19- What options can we use against the increasing demand of energy?

**( Short answer type questions )**

**Note : Attempt any two questions: (Each 3 Marks)**

- Q.20- What is plantation agriculture?  
Q.21- What are metallic and Non- metallic minerals?  
Q.22- What do you understand by natural vegetation?

**(Long answer type questions) (Each 4 Marks)**

- Q.23- Differentiate between the renewable and non- renewable resources.

**Or**

Which region in India is the richest in coal? Write down three uses of coal?

**Section C (Civics)**

**Note: all questions are compulsory?**

**Choose correct option: (Each 2 marks)**

- Q.24- The dalits were also called:  
(a) Tribals (b) Cultivators  
(c) Untouchables (d) None of these
- Q.25- India is a:  
(a) Monarchy (b) President ruled  
(c) Democratic country (d) None of these

**(Very Short answer type questions )**

**Note :- All questions are compulsory (Each 2 Marks)**

- Q.26- Who is the head of Supreme Court?  
Q.27- What are our basic needs?  
Q.28- Who were adivasis?

**(Short answer type question) (Each 3 Marks)**

**Note:- Attempt any two questions:-**

- Q.29- Define Marginalization.  
Q.30- What is government budget?  
Q.31- How can a Supreme Court judge be removed?

**(Long answer type questions) (Each 4Marks)**

- Q.32- Why should a country have a constitution? Discuss.

**Or**

Elaborate the sources of revenue of the government.

**Section - D (Map work)**

**Note: Answer the following questions in your copy and show these places on the map by given symbol of India.**

- Q.33- The place where Gateway of India is situated. (1+1)  
Q.34- The place where Bhakra Nangal Dam is situated. (1+1)  
Q.35- The place where Supreme Court of India is situated. (1+1)  
Q.36- The place where Nana Sahib Led the revolt of 1857. (1+1)  
Q.37- The place where earlier capital of India is situated. (1+1)

## New Standard Public School, Raebareli

### Half Yearly Examination-2015-16

#### Subject- Mathematics

**Time: 3Hrs.**

**Class-VIII**

**M.M:-80**

**Note:-All questions are compulsory.**

**Q.1- Choose correct option in the following multiple choice question :- (Each 1 mark)**

- (a) Reciprocal of  $-\frac{3}{4}$  is:  
 (i)  $\frac{4}{3}$  (ii)  $\frac{3}{4}$  (iii)  $-\frac{4}{3}$  (iv)  $-\frac{3}{4}$
- (b) The value of  $(\frac{2}{5})^{-3}$  is:  
 (i)  $\frac{-8}{125}$  (ii)  $\frac{25}{4}$  (iii)  $\frac{125}{8}$  (iv)  $-\frac{2}{5}$
- (c) How many diagonal are there in a pentagon?  
 (i) 5 (ii) 7 (iii) 6 (iv) 10
- (d) Factors of  $4a^2 - 9$  is:  
 (i)  $(2a + 3)(2a - 3)$  (ii)  $(4a + 3)(4a - 3)$   
 (iii)  $(2a + 3)^2$  (iv)  $(2a - 3)^2$
- (e) If  $2x - 3 = x + 2$ , then value of x is:  
 (i) 1 (ii) 3 (iii) 5 (iv) 7
- (f) If 40% of x = 240, then value of x is:  
 (i) 60 (ii) 600 (iii) 6000 (iv) 960

**Q.2- Attempt all parts:- (Each 1.5 marks)**

- (a) Solve:  $(3^2)^x = 9$ .  
 (b) Evaluate:  $\sqrt{576}$ .  
 (c) Evaluate:  $\sqrt[3]{343}$ .  
 (d) How many faces are there in a tetrahedron.

**Q.3- Attempt all parts:- (Each 3 marks)**

- (a) Evaluate:  $\left\{ \left(\frac{1}{3}\right)^{-3} - \left(\frac{1}{2}\right)^{-3} \right\} \left(\frac{1}{4}\right)^{-3}$   
 (b) Evaluate:  $\sqrt{\frac{64}{225}}$   
 (c) ABCD is a parallelogram in which  $\angle A = 110^\circ$ , find the measure of each of the angles B, C and D.  
 (d) Find the measure of each interior angle of a regular pentagon.

**Q.4- Attempt all parts:- (Each 3 marks)**

- (a) Evaluate  $\sqrt[3]{\phantom{x}}$  up to two places of decimals.  
 (b) Factorize:  $x^2 + 14x + 49$ .  
 (c) What number should be added to  $-1$  so as to get  $\frac{5}{7}$ ?  
 (d) Construct a square, each of whose sides measure 6.4cm.

**Q.5- Attempt all parts:- (Each 4 marks)**

- (a) The sides of a rectangle are in the ratio 5 : 4 and its perimeter is 90cm. Find its length and breadth.  
 (b) Divide ₹ 7000 among A, B and C such that A gets 50% of what B gets and B gets 50% of what C gets.  
 (c) If 18 dolls cost ₹ 630. How many dolls can be bought for ₹ 455?  
 (d) The number of members in 20 families are given below:  
 4, 6, 6, 6, 5, 4, 7, 3, 7, 3, 4, 6, 2, 3, 4, 4, 5, 7, 3, 6.  
 Prepare a frequency distribution of the data.

**Q.6- Attempt all parts:- (Each 4 marks)**

- (a) Raja can do a piece of work in 24 days while Amit can do it in 30 days. In how many days can they complete it, if they work together?  
 (b) Construct a quadrilateral ABCD in which AB = 3.4cm, CD = 3cm, DA = 5.7cm, AC = 8cm and BD = 4cm.  
 (c) Manjit bought an iron safe for ₹ 5580 and paid ₹ 170 for its transportation. Then he sold it for ₹ 6440. Find the gain percent earned by him.  
 (d) Find the area of a trapezium whose parallel sides are 24cm and 20cm and the distance between them is 15cm.

**Q.7- Attempt all parts:- (Each 6 marks)**

- (a) Write the quotient and remainder when we divide  $(15x^2 + x - 6)$  by  $(3x + 2)$ .

**OR**

The angles of a quadrilateral are in the ratio 3 : 5 : 7 : 9, Find the measure each of these angle.

- (b) Find the amount and the compound interest on ₹ 15625 for 3 year at 12% per annum, compounded annually.

**OR**

Find three consecutive odd numbers whose sum is 234.

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**New Standard Public School, Raebareli**

**Half Yearly Examination-2015-16**

**Subject-Art**

**Time: 3Hrs.**

**Class-VIII E**

**M.M:-100**

**Note:- All questions are compulsory.**

**(Section -A)**

**Q.1- Attempt any one questions:- (Use Water Colour) (40)**

- (a) Draw a Rangoli and colour it.
- (b) Draw a Cartoon and colour it.
- (c) Draw a circle and decorate it with impressive design.  
(radius of circle is 6cm.

**(Section -B)**

**Q.2- Attempt any one questions:- (Use Pencil Colour) (30)**

- (a) Draw a bunch of flowers and colour it.
- (b) Draw vegetables in basket and colour it.
- (c) Draw any one bird and colour it.

**(Section -C)**

**Q.3- Attempt any one questions:- (Use Pencil Shade Only) (30)**

- (a) Draw any two insects and shade it.
- (b) Draw a tea-set and shade it.
- (c) Draw a Surahi- Glass and shade it.

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**New Standard Public School, Raebareli**  
**Half Yearly Examination-2015-16**

**Subject- Science**

**Time: 3Hrs.**

**Class-VIII**

**M.M:- 80**

**Note:- This paper is divided in three parts and all questions are compulsory.**

**(Section - A Physics)**

**Q.1- Choose the correct answer in the following: (Each 1mark)**

- (a) If a force of 100 N acts on an area of  $10\text{m}^2$ , the pressure equals:  
(i)  $100\text{N/m}^2$  (ii)  $10\text{N/m}^2$  (iii)  $1000\text{N/m}^2$  (iv)  $10000\text{N/m}^2$
- (b) One of the most earthquake prone zone in the world is the:  
(i) Pacific Cycle of Fire (ii) Pacific Ring of Fire  
(iii) Circum- Pacific ring of Fire (iv) Trans- Pacific Ring of Fire

**Q.2- Fill in the blanks- (Each 1mark)**

- (a) A flow of charge through air or a gas is called an \_\_\_\_\_.
- (b) Protons carry \_\_\_\_\_ charge.

**Q.3- Write true and false against each statement:- (Each 1mark)**

- (a) The magnitude of an earthquake is measured on the Richter scale. ( )
- (b) The smoother the surface, the greater is the frictional force. ( )

**Q.4- Match in column A with column B:- (Each 0.5marks)**

**Column 'A'**

**Column 'B'**

- |                          |                 |
|--------------------------|-----------------|
| Lens of eye turns cloudy | hypermetropia   |
| Nutritional blindness    | Myopia          |
| Near- Sightedness        | Cataract        |
| Far- sightedness         | Night blindness |

**Q.5- Very short answer questions. Part (a) is compulsory:- (Do Any5) (Each 2marks)**

- (a) Why do we see the light before hearing thunder when lightning occur?
- (b) Name the two characteristics that help us distinguish one sound from another.
- (c) An object is placed 10cm in front of a plane mirror. Where is the image formed? How far is it from the mirror?
- (d) Name two animals which can hear sounds that we can not hear.
- (e) Define a light year.
- (f) Name two dwarf planets.

**Q.6- Answer any two of following questions. (Each 3marks)**

- (a) What is a comet? How is its tail formed?
- (b) What safety measures should one take if one is indoors during an earthquake?
- (c) Define gold- leaf electroscope.

**Q.7- Answer any one of following questions. (Each 4 marks)**

- (a) Explain how we hear/.
- (b) Explain how (most) earthquakes are caused. (P.T.O.)

**(Section - B Chemistry)**

**Q.1- Choose the correct answer in the following (Each 1mark)**

- (a) Which of following is a bad conductor of heat?  
(i) Iron (ii) Copper (iii) Silver (iv) Plastics
- (b) Which of the following is /are solid non- metals”  
(i) Carbon (ii) Sulphur (iii) Phosphorus (iv) All of these

**Q.2- Fill in the blanks- (Each 1mark)**

- (a) \_\_\_\_\_ is used for filling an electrical bulb.
- (b) \_\_\_\_\_ fibres complete with wool

**Q.3- Write True and False. (Each 1mark)**

- (a) A compound formed by ions is called ionic. compound. ( )
- (b) In electrolysis of water hydrogen is formed at the anode. ( )

**Q.4- Match in column A with column B: (Each 0.5marks)**

**Column A**

**Column B**

- |               |   |
|---------------|---|
| Biogas        | A liquid fraction from the refining of petroluem  |
| Natural gas   | The lowest boiling fraction in Petroleum refining |
| Petroleum gas | Accumulated in petroleum wells                    |
| Kerosene      | Anaerobic fermentation of cattle dung.            |

**Q.5- Very short answer question. Part (d) is compulsory**

**(Do Any 3) (Each 2 marks)**

- (a) Mention three uses of nitrogen.
- (b) What is the process of the formation of a polymer from its monomer called?
- (c) Define calorific value of a fuel.
- (d) Write the name of any two metals and two non-metals which are present in your classroom.

**Q.6- Short answer questions. (Do Any 2) (Each 3marks)**

- (a) What are thermoplastics and thermosetting plastics?
- (b) Mention three physical characteristics of metals.
- (c) What is electroplating? Give example also.

**Q.7- Long answer questions. ( Do any 1) (Each 4marks)**

- (a) Mention 2 advantages and 2 disadvantages of synthetic fibres in comparison to natural fibres.
- (b) Mention some factors which should be considered while choosing a fuel.

(Section - C Biology)

**Q.1- Choose the correct answer in the following: (Each 1mark)**

- (a) Which of the following needs to be transplanted?  
(i) Rice      (ii) Wheat      (iii) Millets      (iv) Mustard
- (b) The brain and spinal cord are made up of:  
(i) Nervous tissue      (ii) Epithelial tissue  
(iii) Muscular tissue      (iv) Connective tissue

**Q.2- Fill in the blanks :- (Each 1mark)**

- (a) Chromosomes carry \_\_\_\_\_ which pass on hereditary characters.
- (b) Seeds have to be sown at the right \_\_\_\_\_ and with adequate space in between.

**Q.3- Write true and false- (Each 1mark)**

- (a) Penicillin is obtained from a bacterium. ( )
- (b) Algin is derived from algae. ( )

**Q.4- Match the column A with column B:- (Each 0.5mark)**

Column A	Column B
Pituitary	outside abdominal cavity
Thyroid	Below the stomach
Pancreas	Base of the brain
Testes	Near the larynx

**Q.5- Very short answer questions. Part (f) is compulsory:- (Do any 5) (Each 2marks)**

- (a) What is an exotic species?
- (b) What is animal husbandry?
- (c) In what type of cells. Would you expect chloroplast to be present?
- (d) Name an animal that has become extinct in the world and one that is extinct in India.
- (e) Name one animal in which reproduction takes place outside the body.
- (f) Write the name of any two diseases which are caused by microorganisms in rainy season.

**Q.6- Short answer questions:- (Do any 2) (Each 3marks)**

- (a) What are diatoms? How are they useful to us?
- (b) What is the menstrual cycle?
- (c) What are the functions of the Botanical Survey of India and Zoological Survey of India?

**Q.7- Long answer questions:- (Do any 1) (Each 4 marks)**

- (a) What is the nitrogen cycle?
- (b) Why is a virus thought of as something in between the living and non living? How do viruses multiply within a host cell?