

# **BENEVOLENT GLOBAL PUBLIC SCHOOL**

**Saharsa Basti, Ward no.28, Saharsa.**

**Session 2024-2025**

**Holiday Assignment Class: IX**

**(Note: attach separate sheet wherever necessary)**

**Complete all fair copies and Work book**

## ➤ SST

1. What is meant by a water divide? Give an example.
2. Which is the largest river basin in India?
3. Why are rivers important for the country's economy?
4. What are the controls affecting the climate of India?
5. Why does India have a monsoon type of climate?
6. Why does the rainfall decrease from the east to the west in northern India?

## ➤ Science

1. Define a pure substance. Give an example.
2. What is meant by a mixture? Provide one example.
3. Explain the process of distillation and its use in separating components of a mixture.
4. Define an atom and a molecule. Provide an example of each.
5. Explain the law of conservation of mass with respect to chemical reactions.
6. Differentiate between an element and a compound.

## ➤ Hindi

1. कहानी में बैलों के माध्यम से कौन कौन से निति विषयक मूल्य उभर कर आए हैं ?
2. प्रस्तुत कहानी में प्रेमचंद्र ने गधे की किन स्वभावगत विशेषताओं के अधार पर उसके प्रतिरुद अर्थ 'मुख' का प्रयोग न कर किस नए अर्थ की ओर संकेत किया है ?
3. 'मानसरोवर' से कवि का क्या आशय है ?
4. कवि ने सच्चे प्रेमी की क्या कसौटी बताई है ?
5. मनुष्य इश्वर को कहाँ - कहाँ ढूँढता फिरता है ?

## 6. English

1. What are the main features of the mechanical teachers and the schoolrooms that Margie and Tommy have in the story?
2. Write the summary of the poem "The road not taken."
3. Why did Bismillah Khan refuse to start a Shania school in the U.S.A.?
4. In the fair he wants many things. What are they? Why does he move on without waiting for an answer?
5. Find all the poetic devices that are used in the poem "wind".

Read the following passage and answer the question that follows :-

India is a big country with population, next to China only in the world. It is a country having diversity of culture, religious, languages, races and socio-economic problems. It is the biggest functional democracy in the world and the world looks at it working with interest. The question of its future is often raised by several political thinkers. It has gone through so many stressing socio-economic and political situations. Recently it has experienced a hung Parliament at the Centre. In Uttar Pradesh too, it is experiencing a political crisis. There have certainly been such occasions when the future of democracy is felt at stake. But the system has never stagnated. It has been working, no matter sluggishly, to keep on moving.

### QUESTION

- (a) What type of government do we have in India?

**Ans. :** \_\_\_\_\_

- (b) What question is often raised by political thinkers?

**Ans. :** \_\_\_\_\_

- (c) What difficulty in Indian Parliament facing?

**Ans. :** \_\_\_\_\_

- (d) In what position is democratic system in India?

**Ans. :** \_\_\_\_\_

- (e) Find the word from the passage which means "variety".

**Ans. :** \_\_\_\_\_

## Math

1. Find the value of  $0.\overline{2} + 0.\overline{3} + 0.\overline{4}$
2. Find the simplest form of  $2.1\overline{34}$

3. Rationalize the terms.

(i)  $\frac{1}{2-\sqrt{3}}$

(ii)  $\frac{1}{4-1\sqrt{5}}$

4. Find the value of x

$$2x + 2x23x = 64$$

5. Find the zeros of the polynomial

$$x^2 - 5x + 6$$

6. Find the value of the polynomial

$$P(x) = x^2 - 2x - 3$$

(i)  $P(i)$

(ii)  $P(-1)$

(iii)  $P(2)$

7. The polynomials  $(2x^3 + x^2 - 9x + 2)$  and  $(2x^3 - 3x^2 - 3x + a)$  when divided by  $(x - 2)$  leave the same remainder. Find the value of 'a'
8. Use factor theorem to prove that  $(x + a)$  is a factor of  $(x^n + a^n)$  for an odd positive integer.

اردو - درجہ نویں 9 - Class - 9 -

سوال ۱ نظم میں "بلیس" اور "گلستاں" سے کیا مراد ہے؟

سوال ۲ عترت کے قابل کون ہے؟

سوال ۳ سے اوس کے بارے میں کیا ضرب المثل مشہور ہے؟

سوال ۴ بچو کے دل میں کیا خواہش پیدا ہوئی؟

سوال ۵ موسم برسات کے ایک مضمون لکھیے جو سوائے الفاظ پر مشتمل ہو؟

سوال ۶ متضاد لفظوں کا ملان کیجیے

انعام	شہر
برائی	قریب
خوش	سزا
گاؤں	دکھ
شک	اجھائی
ساکھ	ناراض
دور	یقین