

Shree Nepal Rastriya Secondary School

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Model Question for

Management, Humanities & Education

Time: 2 hours

English

- Do as indicated. [10×0.5=5]
 - The building was built in-----6th century. (Use correct article)
 - She has resigned herself-----fate. (Use appropriate preposition)
 - A herd of cattle-----sold yesterday. (Insert correct form of 'be' verb)
 - He has to earn some money. (Change into negative)
 - The telephone-----several times before it was answered. (Supply correct form of 'ring' verb)
 - Raj has pleased the Principal. (Change into passive)
 - She said to her sister, "Did you have dinner?" (Change into indirect speech)
 - The similar word of 'genocide' is -----.
 - The opposite word of 'mundane' is -----.
 - The meaning of 'to bell the cat' is -----.
- Write a short paragraph on 'Women Empowerment' in about 100 words. [5]
- Write a letter to your friend describing the growing use of computer in daily lives. [5]

Nepali

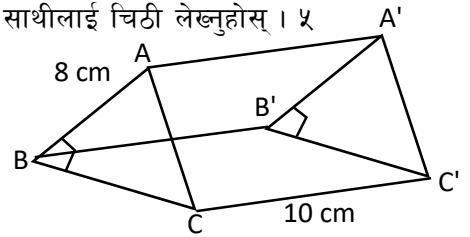
- पूर्ण भूतकालका फरक फरक क्रियापदको प्रयोग गरी भर्खरै सम्पन्न भएको स्थानीय निर्वाचन २०७९ को पाँच वाक्यमा वर्णन गर्नुहोस् । ५
- "परिवर्तनका लागि युवाको भूमिका" शीर्षकमा १०० शब्द नघटाई एक अनुच्छेद लेख्नुहोस् । ५
- नेपालमा पर्यटन व्यवसायको औचित्य पुष्टि गर्दै विदेशमा (अष्ट्रेलिया) बसेको आफ्नो साथीलाई चिठी लेख्नुहोस् । ५

Mathematics

- सरल गर्नुहोस् (Simplify): [1]

$$\frac{\sqrt[3]{4-x^2}}{\sqrt[3]{2-x}}$$

- दिइएको पिज्जमा AB=8 cm र उचाइ CC'=10 cm छन् । यदि यसको आयतन 240 cm³ भए BC पत्ता लगाउनुहोस् ।
(In the given prism, AB=8 cm and height is CC'=10 cm. If the volume is 240 cm³, find BC.) [2]
- हल गर्नुहोस् (Solve): [2]
$$3^{4x^2-3} = 3^{4x-3}$$
- मान निकाल्नुहोस् (Evaluate): [2]
$$\sqrt{2x^2y^3} + \sqrt{12x^3y^2} \times \sqrt{6x^5y}$$
- दुई ओटा संख्याहरूको अनुपात 4:3 छ । यदि ठूलो संख्याबाट 4 घटाइयो र सानो संख्यामा 8 जोडियो भने तिनीहरू बराबर हुन्छन् । ती संख्याहरू पत्ता लगाउनुहोस् । (The ratio of two numbers is 4:3. If 4 is subtracted from the larger number and 8 is added to the smaller number, they become equal. Find the numbers.) [2]
- एउटा श्रेणीमा यदि $\sum fm = 150 + 5a$, मध्यक (\bar{x}) = 10 र $\sum f = 10 + a$ भए a को मान पत्ता लगाउनुहोस् ।
(In a series, $\sum fm = 150 + 5a$, mean (\bar{x}) = 10 and $\sum f = 10 + a$, find the value of a.) [2]
- एउटा सिक्का र एउटा डाइसलाई सँगसँगै फ्याक्दा सिक्कामा पुच्छर र डाइसमा '6' आउने सम्भाव्यता पत्ता लगाउनुहोस् । (Find the probability of getting tail on the coin and '6' on the dice when a coin and a dice are thrown together.) [2]
- म.स. निकाल्नुहोस् । (Find the H.C.F. of $a^2 - 2a$, $a^4 - 4a^2$ and $a^5 - 16a$.) [2]



Social Studies

१. तलका प्रश्नहरूको अति छोटो उत्तर लेख्नुहोस् । (Write very short answer to the following questions.) [4×1=4]

- (क) क्षेत्रफलको आधारमा नेपालको सबैभन्दा ठूलो र सबैभन्दा सानो प्रदेश कुन कुन हुन् । (Which is the largest and smallest province of Nepal on the basis of area?) [0.5+0.5=1]
- (ख) नेपालमा संचालित विकासका परियोजनाहरूलाई समयमै सम्पन्न गर्न के गर्नुपर्छ ? कुनै दुई उपायहरू लेख्नुहोस् । (What should be done to complete the development projects of Nepal on time? Write any two measures. [0.5+0.5=1]
- (ग) एक विद्यार्थीको रूपमा नेपालका लोकगीत संरक्षणमा तपाईंले खेल्न सक्ने कुनै दुई भूमिकाहरू उल्लेख गर्नुहोस् । (What role can you play as a student for the conservation of our folk songs? Write any two roles.) [0.5+0.5=1]
- (घ) दाईजो प्रथा विरुद्ध जनचेतनामूलक नारा लेखिएको एउटा प्लेकार्ड बनाउनुहोस् । (Prepare a placard containing a slogan against dowry custom.) [1]
- (ङ) पोखरा नेपालको सबैभन्दा बढी पानी पर्ने स्थान हो तर यसको नजिकै रहेका मनाङ र मुस्ताङ भने सुख्खा उपत्यकाको रूपमा रहेका छन् । किन? भौगोलिक कारण दिनुहोस् । (Pokhara receives the highest rainfall in Nepal but Manang and Mustang near to it are the dry valleys. Why? Give geographical reason.) [1]
- (च) शित युद्ध भनेको के हो । (What is meant by Cold War?) [1]
- (छ) नेपाल अथाह जलस्रोतको धनी भएता पनि यसको उचित सदुपयोग हुन सकेको छैन । नेपालको जलस्रोतको सदुपयोग कसरी गर्न सकिन्छ ? एक वाक्यमा लेख्नुहोस् । (Nepal is rich in water resource. How can the water resource of Nepal be utilized properly? Write in a sentence.) [1]

२. तलका प्रश्नहरूको छोटो उत्तर लेख्नुहोस् । (Write short answer to the following questions.) [4×2=8]

- (क) न्यायपालिका भनेको के हो ? नेपालको न्यायपालिका पछिल्लो समयमा विवादित बन्दै गइरहेको देखिन्छ । न्यायपालिकालाई सबल, स्वतन्त्र र निष्पक्ष कसरी बनाउन सकिन्छ ? सुझावहरू दिनुहोस् । (What is Judiciary? The Judiciary of Nepal has been controversial in recent time. In this context, how can the judiciary be made impartial, competent, independence. Give suggestions.) [1+3=4]
- (ख) नेपालको सन्दर्भमा संघियतालाई सफल बनाउन के गर्नुपर्ला ? कुनै चार सुझावहरू लेख्नुहोस् । (Write any four suggestions to make the federalism successful in the context of Nepal.) [1+1+1+1=4]