

# **BISHOP SCOTT GIRLS' SCHOOL**

**Jaganpura, Brahmpur, Patna –27**

**(Affiliated to CBSE, New Delhi Up to 10+2)**



## **SUMMER HOLIDAY HOMEWORK**

**Class – XI Commerce**

**Session: 2026 – 27**

**Date of Submission: 18.06.2026**

Subject: Class 11 | Commerce

Academic Session: 2026-2027

Dear Students,

As you head into this break, remember that the foundation of a successful career in Commerce is built on curiosity and the ability to connect classroom theories with the real world. This holiday homework is designed not just to reinforce your learning, but to encourage you to observe the economic and business environment around you.

Objectives:

**Practical Application:** To apply the principles of Accountancy, Economics and Business Studies to real-life scenarios.

**Analytical Thinking:** To understand how global and local markets fluctuate.

**Research Skills:** To develop an investigative approach toward financial news and corporate trends.

General Instructions:

**Originality:** Ensure all projects and assignments are your original work. Plagiarism is strictly discouraged.

**Presentation:** Maintain a neat, well-organized folder or file. Use headings, charts, and diagrams where necessary to make your work visually engaging.

**Timelines:** The completed homework must be submitted on the first day the school reopens. Late submissions will affect your internal assessment grades.

**Resourcefulness:** Use newspapers (like The Economic Times), business news channels, and credible online journals to supplement your textbook knowledge.

A Note to Parents:

We encourage you to discuss daily financial news or household budgeting with your child during the break. Your guidance in helping them see the "business" side of daily life will greatly enhance their understanding of the subject.

"Success is the sum of small efforts, repeated day-in and day-out."

Wishing you a productive and refreshing break!

Best Regards

Bishop Scott Girls' School, Patna

### **ENGLISH (SUBJECT CODE 302)**

1. Write a diary entry from the grandmother's perspective on the day the narrator left for abroad in 120-140 words Include:  
Her emotions,  
Her thoughts about changing time,  
Her silent love.
2. Interview your grandmother / grandfather or any elderly relative of your family.  
Ask the following questions -
  - a. Name of their school
  - b. Educational qualification
  - c. Which games they played
  - d. Childhood dreams
  - e. Do they feel lonely?
  - f. How do they spend their free time?Any other relevant questions.
3. Look at an old family photograph.  
What details you notice first?  
What emotions does it evoke?
4. Stick a picture of any holiday spent with your family. What were your happy moments? Write in 120-140 words.
5. If you were to have an exotic animal as a pet, what will it be? How will you take care of it? Write in 120-140 words.
6. Design a poster (half chart paper) about the 'Sports Day' celebration in your school.
7. Write a review of any good English book which you have read recently. Format to be discussed in class in 120-140 words.
8. Use the following idioms in sentence of your own
  - a. Hit the nail on the head
  - b. Under the weather
  - c. Down the midnight oil
  - d. Cast an arm and a leg
  - e. Sit on the fence next
  - f. in sixes and sevens

- g. At loose ends
- h. Call it a day
- i. Get your act together

9. Research:

Find out about Armenia and about Gharoglanian tribe.

10. You come across an old photograph of a person who is no more but you have beautiful memories with that person. Share those memories in 120-140 words.

**11. Short Story in 120-140 words:**

Use these points to build up your story

Hiking.....forest.....four friends.....white horse.....adventure

12. After his grandmother's demise Khushwant Singh writes a letter to his friend. He pens down all his memories. As Khushwant Singh write that letter.
13. Imagine you are Suzanne. You went through a harrowing experience on 2nd January when Wave Walker nearly capsized. What did you feel? Write a diary entry about what all happened on that day in 120-140 words.
14. Burn the midnight oil  
Cost an arm and a leg  
Rectify the idiom
15. Read any newspaper editorial for five consecutive days and answer
- a. What is the central issue discussed?
  - b. Write five new vocabulary words from each editorial and use them in a sentence
  - c. Do you agree with the writer's opinion?

**Accountancy (Subject Code 055)**

1. Name the concept under which advance received from the supplier is not taken as income or Sale.
2. Accounting to which concept, all expenses incurred to earn revenue of a particular period should be charged against that revenue to determine the net income?
3. A business purchased goods for Rs. 2,00,000 and sold 75% of such goods during accounting year ended 31st March, 2013. The market value of remaining goods was Rs. 48,000. He valued closing stock at cost. Name the concept being violated in this situation.
4. Under which concept, Owner of business is treated as creditor to the extent of his capital?
5. Financial statements of an entity are prepared at regular intervals in accordance with which accounting concept?
6. According to which concept, each accounting transaction has at least two effects?
7. According to which convention, depreciation is being charged as per one particular method year after year?

8. Which accounting convention takes into account all prospective losses but leaves all prospective Profits?
9. Name the concept under which the skills or quality of the management team is not disclosed in the financial statements.
10. Name the concept under which assets are recorded in books at the cost incurred for acquisition of such assets.
11. Explain **5 accounting principles/concepts** with real-life examples.

**Choose From:**

- a. Business Entity Concept
  - b. Money Measurement Concept
  - c. Going Concern Concept
  - d. Accounting Period Concept
  - e. Cost Concept
  - f. Dual Aspect Concept
12. Analyze the following transactions using accounting equation:
    - a. Started business with ₹50,000
    - b. Purchased goods ₹10,000 (cash)
    - c. Bought furniture ₹5,000 (credit)
    - d. Sold goods ₹3,000
    - e. Paid rent ₹1,000
  13. What happens to the accounting equation when cash is withdrawn for personal use?
  14. Distinguish between assets and liabilities.
  15. Explain the effect of business profit on owner's capital.

**Economics (Subject Code 030)**

**Section A: Statistics for Economics (Unit 1)**

1. Define Statistics in both singular and plural senses. Explain one major difference between the two.
2. "All statistics are data, but all data are not statistics." Justify this statement with a suitable example.
3. List and briefly explain any three functions of Statistics in the field of Economics.
4. Why is the distinction between 'Quantitative' and 'Qualitative' data important for an economist?  
Give one example of each.
5. Identify and explain two major limitations of Statistics. Why can it sometimes be considered "distrustful"?
6. How does Statistics help in formulating government policies? Provide a real-world scenario (e.g., poverty or unemployment).
7. Describe the role of a "Scarcity" in the context of Statistics. How does the choice of data collection help in solving economic problems?

## **Section B: Microeconomics (Unit 1)**

8. What is an Economy? Distinguish between a Centrally Planned Economy and a Market Economy based on the objective of production.
9. Define Scarcity. Why is scarcity considered the "root cause" of all economic problems?
10. Explain the Problem of Choice. List the three fundamental economic problems that every society faces.
11. Differentiate between Microeconomics and Macroeconomics. Provide two examples of study for each branch.
12. What is a Production Possibility Curve (PPC)? Draw a rough sketch of a PPC and explain why it is typically concave to the origin.
13. Define Opportunity Cost with the help of a numerical example involving two goods (e.g., Rice and Wheat).
14. Distinguish between Positive Economics and Normative Economics. Classify the following statement:  
"The government should provide basic healthcare to all citizens."
15. What happens to the Production Possibility Frontier (PPF) when:
  - a. There is an advancement in technology for both goods.
  - b. There is a loss of resources due to a natural calamity.

### **Homework Guidelines:**

Presentation: Answer the questions in a dedicated assignment folder or notebook.

Diagrams: Use a pencil and ruler for the PPC diagram. Label the axes clearly (Good X and Good Y).

## **Business Studies (Subject Code 054)**

1. Rohan's grandfather used to tell him stories about how, in the olden days, their family used 'Hundis' to facilitate trade across different cities without carrying physical gold. Rohan is surprised to learn that an indigenous banking system existed long before modern net banking.  
**Question:** Identify and explain the role of 'Hundis' in the ancient Indian business system. How did the indigenous banking system contribute to the expansion of trade?
2. **Choosing the Right Path** Aarav, an IIT graduate, wants to start a venture that manufactures biodegradable cutlery. He has limited capital but is willing to take full responsibility for the risks. He wants complete control over the decision-making process and does not want to share profits.  
**Question:** Which form of business organizations is most suitable for Aarav? State three advantages and two limitations of this form.
3. **The Partnership Dilemma** Amit, Binny, and Chitra are partners in a firm. Chitra is a 'Secret Partner.' Binny is a 'Nominal Partner' who has allowed the firm to use her name but does not contribute capital or participate in management.  
**Question:** Explain the legal status of Chitra and Binny. If the firm goes bankrupt, will Binny be liable

to pay the creditors? Justify your answer.

4. **Corporate Social Responsibility (CSR)** "Green Leaf Ltd." is a chemical manufacturing company. While it generates high profits, it has been accused of dump in untreated waste in to a nearby river, causing health issues for the local community.

**Question:** Discuss the concept of 'Social Responsibility of Business 'in this context. Which interest groups are being neglected by Green Leaf Ltd.?

5. **Service Sector Dynamics** Ananya wants to send a high-value diamond necklace to her sister in another city. She is worried about the safety and the time taken for delivery. She approaches a service provider that offers 'Speed Post' and 'Insurance' for the parcel.

**Question:** Identify the category of business service involved here. Explain any two other services provided by the Postal Department of India.

6. **Digital Transformation** A traditional saree weaver in Varanasi starts selling his products through a dedicated website and Instagram. He now receives orders from the USA and UK, and payments are made via digital gateways.

**Question:** Identify the transition in the mode of business. Discuss any three benefits of e-business over traditional business for a small-scale artisan.

7. **Risk and Profit** "Profit is the reward for risk-taking." A start-up founder invested all her savings into a VR-base dedication app. Despite a slow start, she believes that the uncertainty of the market is what creates the opportunity for high returns.

**Question:** Analyze the relationship between 'Business Risk' and 'Profit'. 'Can a business exist without risks? Explain.

8. **Comparative Analysis** Construct a table comparing a **Joint Hindu Family Business** and a **Cooperative Society** on the basis of:
- Membership
  - Liability
  - Control and
  - Continuity

9. **Strategic Thinking: Statutory Corporations**

**Question:** Why does the government prefer to setup the Life Insurance Corporation (LIC) as a Statutory Corporation rather than a Government Company? Evaluate the degree of operational autonomy in a Statutory Corporation.

10. **Ethical Decision-Making** A manager discovers that their company stop-selling product has a minor defect that isn't dangerous but reduces the product's lifespan. Fixing it would cost the company 20% of its annual profit.

**Question:** If you were the manager, what would you do? Relate your answer to 'Business Ethics.'

11. **Global Enterprises** Identify any two Multi-National Corporations (MNCs) operating in India. Explain how their presence affects the Indian economy in terms of technology and competition.

12. **Banking Innovation** Explain the working of **RTGS** and **NEFT**. In which situation would a businessman prefer RTGS over NEFT?
13. **Public-Private Partnership (PPP)** The Delhi Metro is often cited as a successful example of collaboration. Explain the concept of PPP and state two reasons why the government enters into such arrangements for infrastructure projects.
14. **Warehousing Utility** A farmer in Punjab produces a surplus of wheat. He needs to store it safely until the prices rise in winter.  
**Question:** Which type of warehouse should he use? Explain the 'Time Utility' function of warehousing.
15. **Entrepreneurial Brainstorming** Imagine you are starting a business in 2026. Identify one **Environmental Factor** (Political, Social, or Technological) that you believe will have the greatest impact on your business. Provide a SWOT analysis (Strengths, Weaknesses, Opportunities, and Threats) for your startup idea.

### **Physical Education (Subject Code 048)**

1. Make a list of college and university for physical education and courses available there.
2. Write Detail information about NIS.
3. What are new technologies introduced in sports? Write down the name and benefits.
4. Write about the women's participation in sports.
  - a. Make list of female athletes
  - b. sports
  - c. achievements
5. Write a short note on Olympics.
  - a. Olympics flag
  - b. Motto
  - c. Olympic flame
6. Write short note on
  - a. Paraolympics
  - b. Special Olympics
7. Explain Yoga as an Indian heritage. What are all 8 components of yoga?
8. What is SAI India fitness test. Do assessment of 5 children near you.
9. Make an IPL DAIRY.
10. Make list of sports awardee list of 2026.
11. Read a news paper and collect all the information national and international tournament.
12. Make a daily personnel fitness log. (exercise and physical activity)
13. Make record fie for annual exam
  - a. Practical-1: Fitness tests administration. (SAI Khelo India Test)

- b. Practical-2: Procedure for Asanas, Benefits & Contraindication for any two Asanas for each lifestyle disease.
  - c. Practical-3: Any one IOA recognized Sport/Game of choice. Labelled diagram of Field & Equipment. Also, mention its Rules, Terminologies & Skills.
14. List the host cities and years of the Olympic Games in a chart format.
15. Identify the three Summer and two Winter Olympics that were cancelled, and explain the circumstances behind their cancellation.

### **Information Practices (Subject Code 065)**

#### **Instructions: -**

- All programs must be written in Python language.
  - Use proper indentation in your code.
  - Take input from user using input () function.
  - Display output using print () function.
  - Use simple if-else conditions wherever required.
  - Write each program clearly with proper spacing.
  - Add comments in your code to explain logic.
  - Avoid syntax errors and write clean code.
1. A school in your city is giving admission to new students.  
The rule is that a child must be at least 5 years old.  
Take age as input and check whether the student can get admission or not.
2. During summer, temperature is recorded every day.  
If the temperature is more than 30°C, it is considered a hot day.  
Take temperature as input and display whether the day is hot or normal.
3. In a bus, seat numbers are given to passengers.  
All even-numbered seats are window seats.  
Take a seat number as input and check whether it is a window seat or not.
4. A student appears in an exam conducted by the school.  
To pass, the student must score at least 33 marks.  
Take marks as input and display whether the student passed or failed.
5. A person goes to a bank ATM to withdraw money.  
If the withdrawal amount is less than or equal to the balance, the transaction is allowed.  
Otherwise, show "Insufficient Balance".
6. A mobile phone shows battery percentage to the user.  
If the battery is less than 20%, the phone should display a warning.  
Take battery percentage as input and show appropriate message.
7. An electricity board charges consumers based on units used.

If units are up to 100, rate is ₹5 per unit, otherwise ₹10 per unit.

Take units as input and calculate the total bill.

8. A shop offers discount on shopping during a sale.

If the total amount is more than ₹500, a 10% discount is given.

Take the amount as input and calculate final payable amount.

9. The government allows only adults to vote in elections.

A person must be 18 years or older to vote.

Take age as input and check whether the person can vote or not.

10. Traffic police monitor the speed of vehicles on the road.

If a vehicle's speed is more than 60 km/h, a fine is charged.

Take speed as input and display whether fine is applicable or not.

11. A contractor is measuring a room for construction work.

The length and breadth must be greater than zero.

Take both values as input and check whether they are valid or not.

12. A company gives bonus to employees based on salary.

If salary is more than ₹20,000, a 20% bonus is given.

Take salary as input and display whether bonus is given or not.

13. A teacher gives a number to a student for checking.

The student needs to check whether the number is divisible by 5.

Take a number as input and display the result.

14. In winter, very low temperatures can be dangerous.

If the temperature is below 10°C, show "Very Cold".

Otherwise, display "Normal".

15. The calendar system includes leap years for adjustment.

A year is a leap year if it is divisible by 4.

Take a year as input and check whether it is a leap year.

### **Applied Mathematics (Subject Code 241)**

1. The decimal equivalent of the binary number 10101 is

(a) 21                      (b) 25                      (c) 22                      (d) 23

2. The binary equivalent of the decimal number 47 is

(a) 110101                      (b) 101111                      (c) 1110011                      (d) 1011

3. If  $\log_3 x = 4$ , then the value of x

(a) 85                      (b) 64                      (c) 81                      (d) 65

4. If  $5\sqrt[5]{5x} + 2 = 2$  then the value of x is

(a) 2                      (b) 3                      (c) 6                      (d) 4

5. **Assertion (A):** If  $\log_2 32 = x$ , then  $x = 5$ .

**Reason (R):** Logarithms with base 10 are called common logarithms.

6. If  $a = b^{3x}$ ,  $b = c^{3y}$  and  $c = a^{3z}$ , then find the value of  $xyz$ .

7. Find the value of  $x$  if  $\log_{10}(x-1) + \log_{10}(x+1) = \log_{10} 24$ .

8. Convert into single logarithm:

$$2 \log 2 + \log 5 - \frac{1}{2} \log 36 - \log \frac{1}{30}.$$

9. Simplify:

$$\left(\frac{x^m}{x^n}\right)^{m+n} \left(\frac{x^n}{x^l}\right)^{n+l} \left(\frac{x^l}{x^m}\right)^{l+m}$$

10. Evaluate:

$$\left(\frac{81}{16}\right)^{\frac{-3}{4}} \times \left[\left(\frac{25}{9}\right)^{\frac{-3}{2}} \div \left(5\right)^{-3}\right]$$

11. Evaluate:

$$\left[5\left(8^{\frac{1}{3}} + 27^{\frac{1}{3}}\right)^3\right]^{\frac{1}{4}}.$$

12. Multiply the following binary numbers and check the results by converting them to decimal system:  
11010 by 111.

13. Solve for  $x$ :

$$\log_3 x + \log_9 x + \log_{81} x = \frac{7}{4}$$

14. If  $a^x = b^y = c^z$  and  $b^2 = ac$  then prove that –

$$y = \frac{2xz}{z+x}$$

15. Three pipes A, B and C is connected to a tank. A and B fill the tank in 3 hours and 6 hours, respectively when operated independently. Pipe C empty the full tank in 12 hours when opened alone.

Based on the above information, answer the following questions:

a. If both pipes A and B are opened together, then find the time taken to fill the tank.

b. If pipes A and C are opened together, then find the time taken to fill the tank.

If all the three pipes A, B and C are opened together, then find the time taken to fill the tank.

OR

If all the pipes are opened, then find the part of tank which remains unfilled after 3 hours.

### **Entrepreneurship (Subject Code 066)**

1. Entrepreneurship refers to
  - a. Starting a government job
  - b. Managing an existing business
  - c. Process of creating a new business by taking risks
  - d. Working for salary
2. Who is an entrepreneur?
  - a. A person who avoids risk
  - b. A person who only invests money
  - c. A person who starts and runs a business
  - d. A government employee
3. The main objective of entrepreneurship is to
  - a. Avoid competition
  - b. Earn profit through innovation
  - c. Reduce production
  - d. Work under others
4. Which of the following is NOT a characteristic of an entrepreneur?
  - a. Risk-taking
  - b. Creativity
  - c. Leadership
  - d. Fear of failure
5. The reward for entrepreneurship is known as
  - a. Wages
  - b. Salary
  - c. Interest
  - d. Profit
6. Define entrepreneurship. Explain any two characteristics of an entrepreneur.
7. Differentiate between an entrepreneur and a manager.
8. What is the role of entrepreneurship in economic development?
9. Explain any two functions performed by an entrepreneur.
10. What do you mean by risk-taking in entrepreneurship?
11. Explain the concept of entrepreneurship. Discuss its importance in modern society.
12. Describe the qualities and competencies of a successful entrepreneur with suitable examples.
13. Differentiate between entrepreneurship and wage employment on the basis of:
  - a. Risk
  - b. Innovation
  - c. Decision-making

d. Income

e. Responsibility

14. Explain the major functions of an entrepreneur in establishing and running a business enterprise.

15. “Entrepreneurship promotes economic growth and social change.” Justify the statement with suitable points.