

CLUSTER UNIVERSITY::KURNOOL

UG FIRST YEAR I SEMESTER END EXAMINATIONS, FEBRUARY, 2026

Group: I B.A./B.Com./B.Sc.

Subject : ENGLISH

Paper Title: A COURSE IN COMMUNICATION AND SOFT SKILLS

Time: 3 Hours

Max. Marks: 70

- I. Answer any THREE of the following in about 150 words each. 3x5=15 M**
- Explain the importance of listening.
 - What are the types of listening?
 - List out a few psychological barriers to listening.
 - What are the tips for effective listening?
- II. Answer any THREE of the following. 3x5=15 M**
- Describe Nasals with examples.
 - What are pure vowels? Give examples.
 - Describe vocal cords.
 - Put appropriate marking of stress for the following words:
teacher, creative, psychology, examination, permit.
 - Identify the correct Intonation:
 - Are you happy?
 - She can dance well.
- III. Answer the following. 10 M**
- Fill in the blanks with suitable articles. (2x1=2M)
 - Give me _____ one rupee coin.
 - She is _____ engineer.
 - Fill in the blanks with suitable prepositions. (2x1=2M)
 - He is fond _____ sweets .
 - The train starts _____ 7 a.m.
 - Fill in the blanks with suitable verb forms. (2x1=2M)
 - Man _____ a social animal.(be)
 - I _____ a novel in 2000.(write)
 - Change the voice. (2x1=2M)
 - Who sent this letter?
 - I watched a movie.
 - Add question tags to the following statements. (2x1=2M)
 - He plays well, _____?
 - It's raining, _____?

IV. Answer the following.**3x5=15 M**

- i. a) Imagine a situation where you have met your childhood friend. Construct a dialogue with greetings and leave taking expressions.
Or
b) You wish to book a ticket to Amaravathi. Construct a dialogue between you and the clerk at the railway counter.
- ii. a) What does Obama mean by Yes, We Can?
Or
b) Narrate the story of Ann Nixon Cooper.
- iii. a) What, according to APJ Abdul Kalam, are the qualities of a leader?
Or
b) Describe Kalam's views on failures.

V. Answer any THREE of the following in about 150 words each.**3x5=15 M**

- a) Explain SWOC analysis.
b) How can one develop Positive Attitude?
c) What is Emotional Intelligence?
d) What is the usefulness of the interpersonal skills?
e) Discuss the Netiquette.
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CLUSTER UNIVERSITY::KURNOOL
UG FIRST YEAR I SEMESTER END EXAMINATIONS, FEBRUARY- 2026
(Supplementary)

Group :1st B.A., B. Com., B.Sc.,

Subject : Hindi

Paper Title : Hindi {Prose, Short Story & Applied Grammar}

Time- 3 Hrs.

Max. Marks- 70

SECTION-A

निम्नलिखित में से किसी 5 प्रश्नों का उत्तर दीजिए।

5 x4=20 Marks

- 1- साहित्य और समाज में क्या संबंध है ?
- 2- अच्छे मित्र से हमें क्या-क्या लाभ होता है ?
- 3- भूतकाल की परिभाषा दीजिए और एक उदाहरण भी दीजिए।
- 4- रहमान के चरित्र की विशेषताएं लिखिए।
- 5- निम्नलिखित शब्दों का लिंग बदलिए - नौकर, शेर, मालिक, गायक, लड़की ।
- 6- निम्नलिखित शब्दों का वचन बदलिए - शाखाएं, नदी, आंख, वस्तु, पत्तियाँ ।
- 7- निम्नलिखित वाक्यों का काल परिवर्तित कीजिए।
 - A-राम खेल रहा है (भूतकाल में बदलिए)
 - B-राधा ने गाना गाया (भविष्यत काल में बदलिए)
 - C-मैं बाज़ार गया था। (वर्तमान काल में बदलिए)
 - D-सुरेश हैदराबाद जाएगा । (भूतकाल में बदलिए)
 - E-चोर पकड़ा गया। (भविष्यत काल में बदलिए)

8-निम्नलिखित रिक्त स्थान पर कारक चिह्न लगाइए ।

- A-राम_____ रावण को मारा ।
- B-सरिता बाजार_____ सब्जी खरीद लाई है।
- C-चिड़िया पेड़_____ बैठी है।
- D-विद्या सीता_____ बहन है।
- E-यह दिनेश_____ घर है।

SECTION-B

निम्नलिखित सभी प्रश्नों का उत्तर दीजिए।

5x10=50 Marks

9-किसी एक पाठ का सारांश लिखिए।

- A-साहित्य की महत्ता
- B-बिंदा

10-किसी एक कहानी की समीक्षा कीजिए।

- A-मुक्तिधन
- B-पुरस्कार

11-हिन्दी साहित्य के इतिहास के काल विभाजन की आवश्यकता पर लेख लिखिए।

या

आदिकाल के विभिन्न नामों का औचित्य लिखिए।

12-निम्नलिखित अंग्रेजी शब्दों का हिंदी में अनुवाद कीजिए।

A-Country, Government, Chief, Nation, Salary, Tax, Crime, Order,
Notification, President.

या

B-निम्नलिखित हिन्दी शब्दों का अंग्रेजी में अनुवाद कीजिए।

अनुवाद, अभियुक्त, उप राष्ट्रपति, कर, थाना, न्यायालय, निर्देश, भत्ता, प्रकाशन, कार्यालय

13-पत्र लिखते समय किन-किन बातों को ध्यान में रखना चाहिए।

या

मुहल्ले में गंदगी की सफाई के लिए नगर पालिका अध्यक्ष को एक पत्र लिखिए।

CLUSTER UNIVERSITY :: KURNOOL

UG FIRST YEAR I SEMESTER END EXAMINATIONS FEBRUARY-2026

Groups : B.Sc Programmes

SUBJECT : Bio stream (Major)

Paper Title : Introduction to Classical Biology

Time 2 Hours

Max. Marks : 70

I. Multiple Choice Questions**25×1=25 Marks**

1. The type genus of the family Solanaceae.
(A) Solanum (B) Aster (C) Brassica (D) All of the above []
2. Second name in binomial nomenclature indicates the name of
(A) Genus (B) Family (C) Species (D) Variety []
3. Redesignation of ICBN to ICN was done in International Botanical Congress - 2011 held at
(A) Morocco (B) Japan (C) Shenzhen (D) Morocco []
4. Cycling and recycling of nutrients in an ecosystem is
(A) Food chain (B) Food web (C) Chemical cycle (D) Biogeochemical cycle []
5. Acid rain is a result of
(A) Less amount of CO₂ (B) Excess amount of NO₂
(C) Excess amount of SO₂ (D) Both B & C []
6. _____ are archegoniate, embryophytic and tracheophytic Cryptogams
(A) Thallophytes (B) Pteridophytes (C) Bryophytes (D) Gymnosperms []
7. The female reproductive organs of a flower are known as
(A) Gynoecium (B) Carpels (C) Pistil (D) All of the above []
8. Pollination by bats
(A) Chiropterophily (B) Ornithophily (C) Malacophily (D) Ophiophily []
9. Double fertilization in angiosperms is discovered by
(A) Strassburger (B) Nawaschin (C) Nitsch (D) None of the above []
10. Button Mushroom is
(A) *Lentinula edodes* (B) *Pleurotus sajor-caju* (C) *Agaricus bisporus* (D) None of the a []
11. Flame cells are the excretory structures in
(A) Proifera (B) Ctenophora (C) Platyhelminthes (D) Nematelminthes []
12. The disease is caused due to the absence of one X chromosome in females (22 pairs + XO) is
(A) Down's syndrome (B) Turner's syndrome (C) Marfan's syndrome (D) None []
13. Thyroid stimulating hormone is
(A) FSH (B) TSH (C) ACTH (D) LH []
14. Jointed legged invertebrates
(A) Arthropoda (B) Mollusca (C) Cnidaria (D) Protozoa []
15. Eri silkworm feeds on the leaves of
(A) Mulberry (B) Oak tree (C) Castor (D) Terminalia []
16. If the centromere is located at the tip of the chromosome is
(A) Metacentric (B) Sub-metacentric (C) Acrocentric (D) Telocentric []

- 17 Nucleoid is seen in cell of
(A) Plant cell (B) Animal cell (C) Bacterial cell (D) All of the above []
- 18 "Suicidal bags" of the cell
(A) Polysomes (B) Lysosomes (C) Ribosomes (D) Ergosomes []
- 19 DNA is a polymer of
(A) Amino acids (B) Nucleic acids (C) Nucleosides (D) Nucleotides []
- 20 Structure of t-RNA was proposed by
(A) Holley (B) Miller (C) Kim (D) Khorana []
- 21 If the bonding takes place by transfer of electrons from one atom to the other is called
(A) Ionic (B) Covalent (C) Coordinate covalent (D) K []
- 22 Chemical used in lead pencil is
(A) Laterite (B) Graphite (C) Malachite (D) Lead []
- 23 Green solvent is
(A) Alcohol (B) Benzene (C) Ethanol (D) Water []
- 24 The gas present in LPG cylinder is
(A) Hexane (B) Butane (C) Octane (D) Methane []
- 25 Father of Green Chemistry is
(A) Paul Anastas (B) Hodgkin (C) Ada Yonath (D) Eric Scerri []

II. Fill in the blanks:

15 × 1 = 15 Marks

- ICN stands for _____.
- Trinomial Nomenclature is valid in _____ nomenclature.
- Afforestation means _____.
- Pollutants like SO₂, NO_x reacting with water vapour and oxygen in the atmosphere and form _____.
- The plant hormone which is responsible for senescence is _____.
- The plant growth regulator acts as growth promoting and growth inhibiting hormone is _____.
- Periodical removal of exoskeleton called _____.
- _____ is the largest phylum of animal kingdom.
- Scientific name of mulberry plant _____.
- Synthesis of DNA from m-RNA is called as _____.
- Inactive enzymes are called as _____.
- Enzymes secreted by the yeast acts as biocatalyst are _____.
- _____ elements do not form chemical bonds.
- Soaps and detergents are produced using a chemical process known as _____.
- One of the main principles of green chemistry is _____.

III. True / False**15 × 1 = 15 Marks****Write TRUE / FALSE in the bracket given against each of the following sentence.**

- | | | | |
|----|--|---|---|
| 1 | Ozone depletion is not caused by chloro-fluoro carbons | [|] |
| 2 | Greenhouse gases are CO ₂ , CH ₄ and water vapour. | [|] |
| 3 | Seed with two cotyledons, tap root system and reticulate venation indicates Monocotyledons | [|] |
| 4 | Greenhouse gases are responsible for increase in global temperature leading to global warming. | [|] |
| 5 | Endosperm is haploid in Gymnosperms. | [|] |
| 6 | In the hierarchy of biological classification family is the lowest taxa. | [|] |
| 7 | Gene is a cistron, muton and recon | [|] |
| 8 | Gills are functional respiratory organs in mammals | [|] |
| 9 | Deficiency of vasopressin causes Diabetes mellitus | [|] |
| 10 | Modified Cell Theory was proposed by Rudolf Virchow | [|] |
| 11 | Meiosis occurs in two stages i.e. Meiosis-I and Meiosis-II | [|] |
| 12 | Honey is not a mixture of fructose, glucose, sucrose and maltose | [|] |
| 13 | Diamond contains covalent bonds. | [|] |
| 14 | Soaps and detergents are common non-domestic chemicals | [|] |
| 15 | Cetyl-tri-methyl ammonium bromide is a popular cationic detergent. | [|] |

IV. Very short answer questions**15 × 1 = 15 Marks**

1. What is full form of ICZN?
2. What is eutrophication?
3. What is the food chain?

4. What is the basic unit in taxonomic hierarchy?
5. Who proposed the Five kingdom classification?
6. Define fertilization?
7. Define the term symbiosis.
8. What is cleavage?
9. What is meant by Apiculture?
10. What is meant by Sericulture?
11. Define the term Heredity.
12. Write the expansion form of t-RNA.
13. What is biochemistry?
14. What are van der waals forces?
15. Define green chemistry?

#

23SEC104

CLUSTER UNIVERSITY:: KURNOOL.

UG FIRST YEAR I SEMESTER END EXAMINATIONS, FEBRUARY 2026

Programmes : B.A., B.Com, B.Sc

Subject : LIFE SKILL COURSES

Course Title : **LEADERSHIP SKILLS**

TIME – 2.00hr

Marks - 50

SECTION - A

I. Answer any five questions.

5x4 = 20Marks

1. Meaning of Personality.
2. Interviews.
3. Self-Report Techniques.
4. Meaning of Self Confidence.
5. Types of Leaders.
6. Mahatma Gndhi.
7. Dr.B.R. Ambedkar.
8. Importance of Leadership.

SECTION – B

II. Answer any three questions.

3x10 = 30Marks

9. Give an explanation of Human Personality?
10. What are the five big Traits of Personality?
11. Describe various ways of enhancing Personality Skills.
12. Write an essay on Leadership characteristics..
13. Explain about building and leading effective teams.

CLUSTER UNIVERSITY::KURNOOL
UG FIRST YEAR (Hons) I SEMESTER END EXAMINATIONS, **FEBRUARY-2026**
Programme: BA/B.Com (SUPPLEMENTARY)
SUBJECT: **MDC**
Course Title: **PRINCIPLES OF BIOLOGICAL SCIENCES**

Time: 2 Hrs.

Max. Marks: 50

SECTION -A

Answer any **FIVE** of the following questions. Each question carries **FOUR** marks **5 x 4=20M**

1. AIDS
2. Taxonomic categories
3. Respiration
4. Colour blindness
5. Reproductive organs
6. Carona
7. Black spot
8. Virus

SECTION-B

Answer any **THREE** of the following questions. Each question carries **TEN** marks. **3x10=30M**

9. Explain the plant growth and development.
10. Explain the animal classification.
11. Write about common plant diseases.
12. Write about applications of biotechnology in Agriculture, Food industry and Medicine.
13. Write about causing organism, prevention and treatment of malaria and dengue.

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23SLT101

CLUSTER UNIVERSITY - KURNOOL

UG FIRST YEAR I SEMESTER EXAMINATIONS, FEBRUARY-2026
(SUPPLYMENTARY)

PROGRAMME : B.A./B.Com/B.Sc

SUBJECT : General Telugu

COURSE TITLE : Saahithi Sourabham (సాహితీ సౌరభం)

Time : 3 Hrs

Max Marks : 70

అ-విభాగం

- I. ఈక్రిందివానిలో ఐదింటికి సమాధానాలు రాయండి. 5X4=20 మా
1. ఈక్రింది వానిలో ఒకపద్యాన్ని పాదభంగం లేకుండా పూరించండి.
అ). పూప వయస్సులో వలస నీతిమంతుడై.
ఆ). వదలక బుద్ధినంతరరి నిర్ణీతాత్ములన్
2. ఈక్రింది వానిలో రెండింటికి సందర్భ సహిత వ్యాఖ్యలు రాయండి.
అ) కడగ కరుపలేదయ్యే గగనగంగ.
ఆ) శత్రువు లైనను సంగర రంగమున గాతె శరణంబనినన్.
ఇ) దిగులు మరచిరమ్ము ఖగ వధూటి.
ఈ) కృతము దలంచిప్రణములు విడుతురనిన్
3. ఈక్రిందివానిలో నాల్గింటికి సంధికార్యాలు రాయండి.
అ) దయ్యపు(బిల్ల ఆ) దేవోత్తములు ఇ) క్షుదానలము ఈ) పెంపడరు
ఉ) ముమ్మారు ఊ) బీదరాలు బు) శత్రైకవృద్ధి బు) ఆముదపుదీపము
4. ఈక్రింది వానిలో నాల్గింటికి విగ్రహవాక్యాలు రాసి, సమాసం పేర్లు రాయండి.
అ) ధనధాన్యములు ఆ) అపరరాత్రి ఇ) సాధుజనులు ఈ) గుడిగోపురము
ఉ) భూనభములు ఊ) అనఘుడు బు) పినాకపాణి బు) పూపవయసు
5. 'ఈ క్రింది పద్యంలోని అలంకారాన్ని తెల్పి, లక్షణ లక్ష్య సమన్వయము చేయండి.
ఆ అభాగ్యుని రక్తంబు నాహరించి
ఇనుపగజ్జల తల్లి జీవనము సేయు
గసరి బుసకొట్టు నాతని గాలిసోక
నాల్గుపడగల హైందవ నాగరాజు
6. ఉపమాలంకార లక్షణ, లక్ష్య, సమన్వయాలను రాయండి.
7. ఈక్రింది పద్యపాదమునకు గురులఘువులు గుర్తించి, గణవిభజన చేసి, పద్యాన్ని గుర్తించి లక్షణాలను రాయండి.
గసరి బుసకొట్టు నాతని గాలిసోక.
8. 'చంపకమాల' పద్యానికి లక్షణాలు రాసి, ఒక ఉదాహరణతో సమన్వయం చేయండి.

ఆ-విభాగం

II ఈక్రీ 0ది వానికి వ్యాసరూప సమాధానాలు రాయండి.

5X10=50 మా

9. అ) సుబ్బారాయుడి మనస్తత్వాన్ని విశ్లేషించండి.

లేదా

ఆ) సత్యవతి వృత్తాంతాన్ని వివరించండి.

10. అ) సీతారామరావు జీవయాత్రను వర్ణించండి.

లేదా

ఆ) రామయ్యతాత సీతారామరావుకు తెలిపిన జీవిత తత్వం తెల్పండి.

11. అ) వేటూరి ప్రభాకర శాస్త్రి పరిశోధన గురించి రాయండి.

లేదా

ఆ) మానవల్లి రామకృష్ణ కవి పరిశోధన గురించి రాయండి

12. అ) 'అక్కమ్మ, చెంగలవరాయుడు చంద్రమ్మ - పాత్రలను పరిచయం చేయండి.

లేదా

ఆ) శివరావు, సీనయ్య, సూర్యారావు - పాత్రలను పరిచయం చేయండి

13. అ) పంచముడు గబ్బిలంతో తన ఆవేదనను నివేదించిన విధానాన్ని వివరించండి.

లేదా

ఆ) ఉద్యోగుల నియామకంలో రాజులు తీసుకోవలసిన జాగ్రత్తలు ఏమిటి?

- C. Gross Demand Product
- D. Global Domestic Product
- 10. Micro economics studies:** []
- A. Inflation
C. Demand and supply
- B. National income
D. Economic growth
- 11. Elasticity of demand refers to:** []
- A. Change in supply
C. Increase in income
- B. Responsiveness of demand to price change
D. Market demand
- 12. Perfect competition is characterized by:** []
- A. Single seller
C. Large number of buyers and sellers
- B. Few sellers
D. Product differentiation
- 13. Equilibrium price is determined where:** []
- A. Demand exceeds supply
C. Demand equals supply
- B. Supply exceeds demand
D. Price is highest
- 14. Marginal utility refers to:** []
- A. Total satisfaction
C. Average satisfaction
- B. Additional satisfaction from one more unit
D. Utility of first unit
- 15. Accounting is the process of:** []
- A. Recording only cash transactions
C. Preparing budgets
- B. Recording, classifying and summarizing financial transactions
D. Auditing accounts
- 16. The main objective of accounting is to:** []
- A. Detect fraud
C. Increase sales
- B. Ascertain profit or loss
D. Reduce cost
- 17. The accounting cycle starts with:** []
- A. Trial balance
C. Ledger
- B. Journal
D. Final accounts
- 18. Financial accounting is concerned with:** []
- A. Internal management
C. External reporting
- B. Cost control
D. Decision making
- 19. Cost accounting helps in:** []
- A. Profit distribution
C. Tax calculation
- B. Cost control
D. Auditing

20. GAAP stands for: []
 A. General Accepted Accounting Procedure B. Generally Accepted Accounting Principles
 C. Government Accounting and Auditing Practices D. General Accounting Application Process
21. Tax is a: []
 A. Voluntary payment B. Compulsory payment to government
 C. Donation D. Penalty
22. Income tax is a: []
 A. Indirect tax B. Direct tax
 C. Progressive tax only D. Regressive tax
23. GST stands for: []
 A. General Sales Tax B. Goods and Service Tax
 C. Government Service Tax D. Gross Sales Tax
24. Customs duty is levied on: []
 A. Domestic goods B. Agricultural income
 C. Imports and exports D. Salaries
25. Which is an indirect tax? []
 A. Income tax B. Wealth tax
 C. GST D. Corporate tax
26. CBDT deals with: []
 A. GST B. Customs duty
 C. Direct taxes D. State taxes
27. Word Press is mainly used for: []
 A. Accounting B. Website development
 C. Data entry D. Graphic design
28. SEO stands for: []
 A. Search Engine Optimization B. Social Engine Operation
 C. Systematic Email Operation D. Software Evaluation Option
29. Social media marketing is a part of: []
 A. Accounting B. Digital marketing
 C. Taxation D. Production
30. Data analytics is used to: []
 A. Prepare accounts B. Predict customer behavior

C. Design websites

D. Calculate tax

Section – B**Fill up the Blanks****10 X 1= 10M**

1. Commerce deals with the _____ of goods and services.
2. Import refers to the _____ of goods from foreign countries.
3. Balance of Payments records all _____ transactions of a country with the rest of the world.
4. WTO stands for _____ Trade Organization.
5. Macro economics studies the economy as a _____.
6. Elasticity of demand measures the responsiveness of demand to _____ changes.
7. The additional satisfaction derived from consuming one more unit is called _____ utility.
8. The accounting cycle begins with _____.
9. GST is an example of a _____ tax.
10. SEO stands for Search Engine _____.

Section – C**Answer the following True/False****10 X 1= 10M**

1. Commerce facilitates the distribution of goods and services. []
2. Imports mean selling goods to foreign countries. []
3. Balance of Payments records only trade transactions. []

4. WTO aims to promote free and fair international trade. []
5. Macro economics studies individual consumer behavior. []
6. Elasticity of demand shows the responsiveness of demand to price changes. []
7. Marginal utility refers to total satisfaction derived from consumption. []
8. Financial accounting is mainly prepared for internal management. []
9. GST is a direct tax. []
10. SEO is a part of digital marketing. []

Section – D**Match the following****10 X 1= 10M**

1	Macro Economics		A. Distribution of goods
2	Marginal Utility		B. Purchase from foreign country
3	Financial Accounting		C. Regulates world trade
4	CBDT		D. Study of economy as a whole
5	WordPress		E. Additional satisfaction
6	SEO		F. External reporting
7	Commerce		G. Indirect tax
8	Import		H. Direct taxes
9	WTO		I. Website development
10	GST		J. Search Engine Optimization

Section – E**Answer the following Very Short Answer Questions****10 X 1= 10M**

1. Define commerce.

2. State the role of commerce in economic development.
3. What is meant by Balance of Payments?
4. What is the World Trade Organization (WTO)?
5. Define macro economics.
6. What is elasticity of demand?
7. What is marginal utility?
8. State any two objectives of accounting.
9. What is GST?
10. What is Search Engine Optimization (SEO)?

CLUSTER UNIVERSITY:: KURNOOL
 UG FIRST YEAR I SEMESTER END EXAMINATIONS – FEBRUARY
 GROUP -BA

SUBJECT: FUNDAMENTALS OF SOCIAL SCIENCES

TIME: 2 hours

Mam Marks 70

SECTION: A

Multiple Choice Questions

Marks 25X1=25

1. Which of these disciplines falls under Social Science?
 a) Geography b) Chemistry c) Engineering d) Literature
2. The study of Social science is necessary
 a) The understanding of the socio-cultural and its relation with the environment
 b) The development of infra-structure facilities
 c) the understanding of Educational problems
 d) None of the above
3. Which discipline focuses on the Study of human Societies, their interactions, and the processes that preserve and change them?
 a) Sociology b) History c) Geography d) Economics
4. Which Indian national leader proposed a basic education system at Wardha?
 a) S.C Bose b) Motilal Nehru c) M.K, Gandhi d) J.L.Nehru
5. The study of the past, based on objects or parts of buildings that are found in the ground is called
 a) Sociology b) History c) Geography d) Economics
6. Mohenjodaro means
 a) Black bangles b) Dead horse c) Mound of Dead d) A river
7. Domestication of animals began during which Period?
 a) Chalcolithic Age b) Palaeolithic age c) Mesolithic age d) Neolithic age
8. Who is the main deity of Rigveda Aryans
 a) Vishnu b) Mother Goddesses c) Indra d) Pasupathi
9. Who is responsible for Permanent Land Revenue Settlement?
 a) Clive b) Warren Hastings c) Cornwallies d) Wellesley
10. Which is the capital city of Satavahanas?
 a) Nagarjuna hills b) Bhattiprolu c) Dhanyakatakam d) Shalihundam
11. In which field understands psychological principles crucial marketing?
 a) Market Research b) Production c) Financial Planning d) Logistics
12. What is the IQ spread of the majority of the population?
 a) 20-50 b) 70-90 c) 110-130 d) 90-110
13. What psychological concept is key in the context of motivation?
 a) Apathy b) Intrinsic Vs extrinsic motivation c) Disengagement d) Disinterest
14. Which of these an example of Quasi group
 a) Classmates b) Friends c) Cinema Audience d) Relatives

15. Parliament consists of
a) Rajyasabha and Lokasabha b) Rajyasabha, Lokasabha and President
c) Rajyasabha, Lokasabha and Speaker d) none of the above
16. A motion of no confidence against the Government can be introduced in:
a) Rajya Sabha b) Lok Sabha c) Both a & b d) Neither a nor b
17. Which framework does the RBI use to identify and take corrective measures for weak or underperforming banks
a) Capital adequacy framework b) Risk-based supervision framework
c) Prompt corrective action (PCA) d) Consumer protection framework
18. The head of the National Housing Bank is located in?
a) Hyderabad b) Mumbai c) New Delhi d) Chennai
19. How does fiscal policy attract private investment?
a) By imposing high taxes on businesses
b) by offering tax incentives and reducing regulatory burdens
c) By increasing government ownership of industries
d) none of the above
20. Who dissolves the Lokasabha?
a) Prime Minister b) Speaker on the recommendation of Prime Minister
c) Home minister d) President on the recommendation of Prime Minister
21. http stands for
a) hyper transfer text protocol
b) hyper transfer transport protocol
c) hypertext transfer protocol
d) hypertext transmission protocol
22. Which command is used to select the whole document
a) Ctrl+P b) Ctrl+A c) Ctrl+Z d) Ctrl+S
23. Who conceptualized the Analytical Engine, Precursor of modern computers?
a) Alfred Marshall b) Adam smith c) Charles Babbage d) Robins
24. Which one is destructive programmes used to destruct the files?
a) Trojan horse b) Roman horse
c) Indian horses d) none of the above
25. Expansion of ISP
a) Internet Service Provider b) Indian Service Processor
c) Internet Service Processor d) Internet Social Processor

6. Major site of Mesolithic age is Brahmagiri . **True / False**
7. The Tripitakas related to Buddhism **True / False)**
8. Universal Declaration of Human Rights Day, declared in the year 1948 **True / False**
9. Emotions have no impact on logical reasoning **True / False**
10. Psychology is considered a powerful tool for social progress **True / False**
11. Economic development solely measured by GDP growth **True / False**
12. Public interest litigation (PIL) is a type of litigation that is not useful to fulfil the interests of all people legally and constitutionally. **True / False**
13. A SD card is an Output device : **True / False**
14. A pen drive is a storage device. - **True / False**
15. Data helps in decision making. **True / False**

SECTION: D

Very short answers -write all questions

15X1=15

1. Sociology
2. Importance of Social Science
3. What is Anthropology
4. What is Oral History
5. Linguistic diversity

SECTION: B

Fill in the blanks

Marks 15X1=15

1. _____ is the study of the past , based on objects or parts of buildings that are found in the ground.
2. Which of the education committee observed Plays a vital role in enhancing the level of student awareness _____
3. The Communist manifesto was written by _____
4. The term "Psychology" is derived fro two Greek Words _____
5. How many tirthanakaras are there in Jainism Religion _____
6. Who wrote Discovery of India _____
7. The first Governor General of India Was _____
8. Who said that 'Psychology is the Science that studies behavior _____
9. Psychology plays a critical role in addressing _____ issues in society
10. Who was the father of local Self Government _____
11. Who defined that the kingdom was formed to meet the basic needs of man and to maintain a good life _____
12. Presently How many members in Upper house of parliament (Rajyasaba) _____
13. ROM Stands for _____
14. A megabyte is composed of _____ bytes
15. A _____ is Network that connects computers and device within a limited area, such as a home, school, or office building

SECTION: C

True or False

Marks 15X1=15

- | | |
|---|--------------|
| 1. The Scientific method is not applicable in Social Sciences | True / False |
| 2. The book 'Rajatarangini' was written by Harsha | True / False |
| 3. Psychology is the study of the human mind and behaviour. - | True / False |
| 4. E.H. Carr was the author of "What is History" | True / False |
| 5. If you study history, it will improve critical thinking skills in society. - | True / False |

6. Paleolithic age
7. Meaning of Psychology
8. Relations between groups
9. Adam Smith
10. Democracy
11. What is Cryptography?
12. Gini coefficient
13. What is the full form of Computer
14. What is Identity theft?
15. What is the primary function of the memory Unit?

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CLUSTER UNIVERSITY:KURNOOL

UG FIRST YEAR (Honours) I SEMESTER END EXAMINATIONS FEBRUARY -2026

Programme: B.A/B.Com/B.Sc,

Subject : MULTIDISPLINARY COURSE

Course Title: INDIAN HISTORY

Time : 2 Hours

Max Marks : 50

SECTION – A

Answer any FIVE of the following questions

5 × 4 = 20

1. Explain the main features of the **Great Bath**.
2. Write a short note on the **Vedas and Vedangas**.
3. Explain the **principles of Jainism**.
4. Write a short note on **Nalanda University**.
5. Write a brief account of **Raziya Sultana**.
6. Explain **Akbar's Religious Policy**.
7. Write a note on the **Permanent Land Revenue System**.
8. Write a short note on the **Home Rule Movement**.

SECTION – B

Answer any THREE of the following questions Marks:

3 × 10 = 30

9. What are the salient features of the **Indus Valley Civilization**?
10. Discuss the **reforms of Ala-ud-Din Khilji**.
11. Describe the **causes for the outbreak of the Revolt of 1857**.
12. Write an essay on the **Salt Satyagraha and its results**.
13. Explain the role played by **Subhas Chandra Bose in the Indian National Movement**

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	I. MULTIPLE CHOICE QUESTIONS	25×1= 25 Marks	
1	Germ theory of diseases was proposed by (A) Robert Koch (B) Fleming (C) Louis Pasteur (D) Gram		[]
2	The technique used to stain bacteria differentially is called _____ staining (A) Gram (B) White (C) Johnson (D) Simple		[]
3	Symbiotic nitrogen fixing bacterium is (A) Acetobacter (B) Azotobacter (C) Rhizobium (D) Staphylococcus		[]
4	Lymphoid organs include (A) Lymph nodes (B) Thymus (C) Spleen (D) All the above		[]
5	Interferons are (A) Cytokine barriers (B) Physical barrier (C) Cellular barrier (D) All the above		[]
6	Which of the following is a polysaccharide (A) Fructose (B) Starch (C) Sucrose (D) Lactose		[]
7	An aromatic amino acid is (A) Alanine (B) Glycine (C) Serine (D) Tyrosine		[]
8	Bonds present in DNA molecule (A) Hydrogen (B) Phosphodiester (C) Ester (D) Phosphate		[]
9	Carbohydrate that is commonly found in exoskeleton of insects and cell wall of fungi (A) Chitin (B) Cellulose (C) Glucans (D) Mannans		[]
10	Ribose is a _____ sugar (A) Hexose (B) Pentose (C) Heptose (D) None		[]
11	Eco RI is obtained from (A) Bacillus sp. (B) Clostridium (C) BGA (D) E. coli		[]
12	Gene transfer using bacteriophage is called (A) Biolistic (B) Gene gun (C) Transduction (D) Microinjection		[]
13	Which of the following is a biofuel? (A) Biodiesel (B) Charcoal (C) Coal (D) CNG		[]
14	The process of joining two DNA fragments together is known as (A) Restriction (B) Ligation (C) Replication (D) Translation		[]
15	Cloning vectors are (A) Plasmids (B) BACs (C) YACs (D) All the above		[]

16	Which enzyme is used to generate a detectable signal in immunoblotting (A) RNA Polymerase (B) Ligase (C) Horseradish peroxidase (D) Nuclease	[]
17	Primary site for T-cell maturation (A) Thymus (B) Bone marrow (C) Spleen (D) Lymph node	[]
18	The following antibody gives a primary immune reaction is (A) IgG (B) IgA (C) IgE (D) IgM	[]
19	Therapy used to treat cancer (A) Monoclonal Antibodies (B) Vaccination (C) Interferons (D) None	[]
20	PCR technique was developed by (A) Altman (B) Benda (C) Kohler (D) Kary Mullis	[]
21	Middle value in a dataset is (A) Mean (B) Median (C) Mode (D) Average	[]
22	Which of the following is not a measure of central tendency? (A) Mean (B) Median (C) Range (D) Mode	[]
23	The standard deviation is always _____ than mean deviation. (A) Less (B) Greater (C) both A & B (D) None	[]
24	NCBI, FBI are (A) Biological databases (B) Bioinformatic resources (C) both A & B (D) Govt. agencies	[]
25	Genomics is the study of (A) Proteins (B) Gene sequences (C) Lipids (D) Nucleic acids	[]

II. Fill in the blanks

15 × 1 = 15 Marks

- Life arises spontaneously from non-living matter is called _____ theory.
- B-cells and T-cells are two types of cells involved in _____ immunity.
- The first line of defense in the body includes _____, _____ and mucous membrane.
- Fatty acids are the building blocks of _____, a type of lipid crucial for energy storage in the body.
- The amino acids in a protein molecule are linked together by _____ bonds.
- _____ is a pyrimidine found in RNA but not in DNA.
- The site where DNA replication starts is called _____.
- The first successful cloning of a mammal, _____ was achieved in 1996.
- Restriction enzymes are also called as _____.
- RFLP stands for _____.
- Western blotting is used to detect specific _____ in a sample.


12. In PCR, annealing temperature is _____.
13. The square of standard deviation is _____.
14. The mode of the distribution of values 8,9,7,5,7,7,7,3,4,6,7,7,6,2 is _____.
15. EBI stand for _____.

III. True/False**15 × 1 = 15 Marks****Write TRUE/FALSE in the bracket given against each of the following sentence.**

1. Round shaped bacteria are called as cocci.	[]
2. Bioreactors are used to produce Insulin.	[]
3. Antibodies are produced by plasma cells.	[]
4. Ti plasmid is seen in E. coli	[]
5. Deoxyribose is the sugar moiety present in RNA	[]
6. Glycolysis is an example of Anabolic pathway	[]
7. Helicases are enzymes that unwind the DNA double helix	[]
8. Polyethylene glycol (PEG) working as a fusion of cells	[]
9. Bt toxin is cry protein	[]
10. Taq polymerase is not used in PCR	[]
11. Hybridoma technology applied for the monoclonal antibodies production.	[]
12. ELISA detects presence of antibodies or antigens.	[]
13. Data collection by investigator is called the secondary data.	[]
14. Range, Quartile deviation, Standard deviation are the measures of Dispersion.	[]
15. Pfam is a nucleic acid database	[]

IV. Very Short Answer Questions**15 × 1 = 15 Marks**

1. Innate immunity is also called?
2. What is serology?
3. Peptidoglycan is made of?

4. What are polysaccharides?
 5. What are the 3 basic types of RNAs found cells?
 6. Define catabolism?
 7. Define Bioremediation?
 8. What is biogas?
 9. What is a bacteriophage?
 10. What is CRISPR-CAS9 commonly used for in gene therapy?
 11. What hormone is detected by monoclonal antibodies in pregnancy tests?
 12. What is gene therapy?
 13. What is range?
 14. What type of information is stored in the Genbank database?
 15. What is the technique used to determine the 3D structure of nucleic acids?
- 

CLUSTER UNIVERSITY :: KURNOOL
UG FIRST YEAR I SEMESTER END EXAMINATIONS FEBRUARY 2026
 Programme : B.A/B.Com/B.Sc. Subject : SEC

Course Title : ANALYTICAL SKILLS

Time: 2 Hours

Max. Marks: 50M

SECTION-A

Answer ALL questions. Each question carries 2 marks.

15 × 2M = 30M

1	Rs. 81 has been divided between A & B in the ratio 2 : 7 then A's share is a) Rs. 63 b) Rs. 18 c) Rs. 9 d) Rs. 27	()
2	If DELHI is written as EDMGJ in a certain code, how is NEPAL written in that code? a) ODQMZ (b) ODQZM (c) ODMZQ (d) ODMQZ	()
3	If $A : B = 2 : 3$ and $B : C = 4 : 7$, find $A : B : C$. a) 2:3:4 b) 2:12:7 c) 8:12:21 d) 8:21:12	()
4	Today is Monday. After 66 days, it will be? a) Friday b) Saturday c) Thursday d) None	()
5	Simplify: 30% of 2000 = a) 300 b) 900 c) 2000 d) 600	()
6	A cycle is bought for Rs. 900 and sold for Rs. 1080. The gain present is a) 20% b) 16% c) 18% d) 25%	()
7	Pointing towards a photograph of a boy, Suresh said, "He is the son of the only son of my mother." How is Suresh related to that boy? a) Father b) Son c) Grandfather d) Uncle	()
8	What is the average numbers of paddy bags produced by former D over the years? a) 624 b) 642 c) 674 d) 672 e) None	()
10	Express 84% in fractions a) $\frac{22}{23}$ b) $\frac{22}{25}$ c) $\frac{21}{25}$ d) $\frac{21}{23}$	()
11	The average of 3,9,11,15,18,19 and 23 is a) 11 b) 12 c) 13 d) 14	()
12	The LCM of 24, 36, and 40 is: a) 6 b) 36 c) 40 d) 360	()
13	$36 \times 15 - 50 \times 784 \div 112 =$ a) 200 b) 190 c) 210 d) 208	()
14	The sum of the ages of A and B is 50 years and the ratio between their ages is 7 : 3 then the age of A is years a) 15 b) 35 c) 20 d) 25	()
15	If $132 \times x - 225 = 171$ then the value of 'x' is a) 1 b) $\frac{1}{2}$ c) 4 d) 3	()

SECTION-B

Answer any FIVE questions. Each question carries 4 marks

(5×4M=20M)

1. Find the greatest number of 4 digits which when divided by 12,18,21 and 28 leaves 3 as remainder in each case.
2. A train covers the first 160 km at a speed of 120 km/h, another 160 km at 140 km/h and the last 160 km 80 km/h. Find the average speed of the train for the entire journey.
3. In an exam 60% of the candidates passed in English, 65% passed in Maths, 38% failed in both the subjects. What is the total pass%?
4. Find the number in the unit place of $(243)^{16}$, $(242)^{20}$, $(242)^{22}$ and $(242)^{23}$
5. The average height of a cricket team is 177cm.If one of the cricketers height is misread as 186 cm instead of 182cm. Then what is the correct average?
6. Two numbers are in the ratio 3:7. If each number is increased by 9, then the ratio becomes 3:5. Then the sum of these two numbers is?
7. Rohan's mother is 26 years older than him. The product of their ages after 3 years will be 360years. What is Rohan's present age?
8. Find compound interest on Rs.7500 at 4% per annum for 2 years, compounded annually.