

B.A./B.Sc. (Semester–III) (Session 2019-20)

POLITICAL SCIENCE (INDIAN CONSTITUTION)

Time: 3 Hours

Max. Marks: 100

Instructions for the Paper Setters:-

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### SECTION–A

1. Constitution Assembly and making of India's Constitution.
2. Basic features of the Indian Constitution.
3. Preamble and its importance.
4. Nature of Indian Federalism and Centre-State Relations.

#### SECTION–B

1. Fundamental Rights, features, kinds and evaluation.
2. Fundamental Duties.
3. Directive Principles of the State Policy.

#### SECTION–C

1. Parliament: Composition, Powers and Role.
2. President: Election, Powers and Position.
3. Indian Cabinet and Prime Minister: Election, Powers, Position and Changing Role.
4. Supreme Court and High Court: Composition, Powers and Role.

#### SECTION–D

1. Governor: Appointment, Powers and Role.
2. State Legislature: Composition, Powers and Role.
3. Council of Ministers and Chief Minister: Election, Powers, Position and Role.

Books Recommended:

1. G. Austin, *The Indian Constitution: Corner Stone of a Nation*, Oxford, Oxford University Press, 1966.
2. G. Austin, *Working of a Democratic Constitution: The Indian Experience*, Oxford University Press, 2000, Delhi.
3. D.D. Basu, *An Introduction to the Constitution of India*, New Delhi, Prentice Hall, 2008.
4. C.P. Bambhri, *The Indian State Fifty Years*, New Delhi, Shipra, 1997.
5. P. Brass, *Politics of India Since Independence*, Hyderabad, Orient Longman, 1990.
6. P. Brass, *Caste, Faction and Parties in Indian Politics*, Vol. II, Delhi, Chanakya Publications 1984-1985.
7. P. Brass, *Ethnic Groups and the State*, London, Croom, Helm, 1995.
8. P. Brass, *Language, Religion and Politics in North Indian*, London, Cambridge

University Press, 1974.

9. B.L. Fadia, *State Politics in India*, Vol. II, New Delhi, Radiant Publishers, 1984.

10. F.R. Frankel, *India's Political Economy 1947-1977*, The Gradual Revolution, Oxford, Oxford University Press, 1978.

11. R. Kothari, *State against Democracy: In Search of Human Governance*, Delhi, Ajanta, 1988.

12. R. Kothari, *Politics in India*, New Delhi, Orient Longman, 1970.

13. R. Kothari, *Party System and Election Studies*, Bombay, Asia Publishing House, 1967.

14. I. Narain (ed.), *State Politics in India*, Meerut, Meenakshi Parkashan, 1967.

15. M.V. Pylee, *Constitutional Government in India*, Bombay, Asia Publishing House, 1977.

16. M.V. Pylee, *An Introduction to the Constitution of India*, New Delhi, Vikas, 1998.

17. S.P. Verma and C.P. Bhambari (ed.), *Election and Political Consciousness in India*, Meerut, Meenakshi Parkashan, 1967.

18. B.L. Fadia, *Indian Government and Politics*, Agra, Sahitya Bhavan Publications, 2008.

19. A.S. Narang, *Indian Government and Politics*, New Delhi, Gitanjali, 1999.

20. *Indian Journal of Political Sciences*

21. *Punjab Journal of Politics*

22. Seminar

23. Lloyd I. Rudolph and Susanne Hoebe Rudolph, *Explaining Indian Democracy: A Fifty-*

*Year Perspective, 1956-2006*, Vol. I, II, III, New Delhi, OUP, 2008.

24. Francine Frankel, *India's Political Economy: 1947-2004*, New Delhi, OUP, 2006.

25. Madhav Khosla, *The Indian Constitution*, Oxford, 2012

26. Sudhir Krishnaswamy, *Democracy and Constitutionalism in India : the Study of Basic*

*Structure*, Oxford, 2011

27. P.M Bakshi, *The Constitution of India*, Universal, 2007.

28. J.C Johari, *The Constitution of India*, Sterling, 2007

29. Brij Kishore Shasma, *Introduction to the Constitution of India*, PHI, 2009

B.A./B.Sc. (Semester–III) (Session 2019-20)

## HISTORY

### HISTORY OF INDIA (AD 1707-1947)

Time: 3 Hours

Max. Marks: 100

#### Instructions for the Paper Setters:-

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section

#### SECTION–A

1. Foundation of British Rule: Advent of the British; Battles of Plassey and Buxar, Clive and Warren Hastings; Subsidiary Alliance Policy, Doctrine of Lapse.
2. The Uprising of 1857: Causes, Spread of the Uprisings, Nature and aftermath.

#### SECTION–B

3. Economic Changes: Agriculture, British commercial policies and the impact on the trade balance; Destruction of indigenous industries; the growth of modern industry; The drain theory.
4. Growth of Education and Political Organization: New education; Rise of the middle classes; Socio Religious Movements : Brahmo Samaj, Arya Samaj, Rama Krishana Mission, Prarthna Samaj, Theosophical Society, Aligarh Movement.

#### SECTION–C

5. Early Political Associations and Emergence of Revolutionary Terrorism: Early Political Association and Indian National Congreence; Swadeshi Movement, Partition of Bengal and its impact; Revolutionary Terrorism in Bengal, Maharashtra and the Punjab, Impact on the National Movement.
6. The Phase of Non-Co-operation : Emergence of Gandhi; The Jallianwala Bagh Massacre and its impact; Khilafat agitation; the Non-cooperation Movement; Withdrawal and impact; the Swarajists; The Simon Commission; The Phase of Civil Disobedience : The programme and the course of the Civil Disobedience Movement, the Round Table Conferences; Communal Award; Poona-pact; Withdrawal of Civil Disobedience Movement

#### SECTION–D

7. Constitutional Development: The Minto-Morley Reforms of 1909, The Act of 1919 and Dyarchy; Government of India Act, 1935 and Provincial Autonomy.
8. Towards Partition and Independence: Growth of communal politics; Lahore

resolution, Cripps proposals; Quit India Movement; the INA Trials; Cabinet Mission and towards Independence.

Suggested Reading:

1. Bipan Chandra, *History of Modern India*, Orient Longman, Hyderabad, 2009.
2. Sarkar, Sumit, *Modern India (1885-1947)*, Orient Longman, New Delhi, 1983.
3. Bose, Sugata and Ayesha Jalal, *Modern South Asia: History, Culture, Political Economy*, OUP, New Delhi, 2004.
4. Bandyopadhyay, Sekhar, *From Plassey to Partition: A History of Modern India*, Orient Longman, Hyderabad, 2004.
5. Datta, Kali Kinkar, *A Social History of Modern India*, Macmillan, New Delhi, 1975.
6. Bannerjee, A.C., *The New History of Modern India (1707-1947)*, K.P.Bagchi, Calcutta, 1983.
7. Burton, Stein, *A History of India*, OUP, New Delhi, 2003.
8. Desai, A.R., *Social Background of Indian Nationalism*, Popular Prakashan, Bombay, 1966.
9. Misra, B.B., *The Indian Middle Classes: Their Growth in Modern Times*, OUP, London, 1978
10. Jones, Kenneth, *Socio-Religious Movements in India*, CUP, Cambridge, New Delhi, 1989.
11. Chopra, P.N. et al, *A Social, Cultural and Economic History of India: Modern India*, Vol. III, Macmillan, New Delhi, 1974.
12. Chaudhuri, M.K., (ed.), *Trends of Socio-Economic Change in India (1871-1961)*, IAS, Simla, 1969.
13. Choudhary, Sukhbir, *Peasants' and Workers' Movements in India, 1905-1929*, PPH, New Delhi, 1971.

B.A./B.Sc. (Semester–III) (Session 2019-20)

Punjab History & Culture (From 1000 to 1605 A. D)

(Special Paper in lieu of Punjabi compulsory)

(For those students who are not domicile of Punjab)

Time: 3 Hours

Max. Marks: 50

Instructions for the Paper Setters:-

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

SECTION–A

1. Society and Culture of Punjab during the Turko-Afghan rule.
2. The Punjab under the Mughals

## SECTION–B

3. Bhakti movement and its impact on Society of Punjab
4. Sufism in Punjab with special reference to Baba Farid.

## SECTION–C

5. Guru Nanak-Life and travels
6. Teachings of Guru Nanak, Concept of Sangat, Pangat and dharmsal.

## SECTION–D

7. Contribution of Guru Angad Dev, Guru Amar Das and Guru Ram Das.
8. Compilation of Adi Granth and martyrdom of Guru Arjun Dev

## Suggested Readings

1. Chopra, P.N., Puri, B.N., & Das, M.N.(1974). *A Social, Cultural & Economic History of India*, Vol. II. New Delhi: Macmillan India.
2. Grewal, J.S. (1994). *The Sikhs of the Punjab*, Cambridge University Press, New Delhi.
3. Singh, Fauja (1972). *A History of the Sikhs*, Vol. II, I. Patiala: Punjabi University.
4. Singh, Kushwant (2011). *A History of the Sikhs- Vol. I (1469-1839)*. New Delhi: Oxford University Press.
5. Singh,Kirpal (1990). *History and Culture of the Punjab-Part II (Medieval Period)*. Patiala:Publication Bureau, Punjabi University.

B.A./B.Sc (Semester–III) (Session 2019-20)

## ECONOMICS

### INTERNATIONAL ECONOMICS AND PUBLIC FINANCE

Time: 3 Hours

Max. Marks: 100

Instructions for the Paper Setters:-

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### SECTION–A

International Trade: Internal and External Trade. Classical and Heckscher-Ohlin Theories,

Gains from Trade, Terms of Trade, (gross, net and income terms of trade). Trade and economic development.

Commercial Policy: Free trade vs. protection, rationale of a protectionist policy in less developed area. GATT & WTO (Introductory).

#### SECTION–B

Balance of Payments: Meaning and components of balance of payments, Methods for correcting adverse balance of payments, devaluation and direct control.

Rate of Exchange: Meaning and determination, Fixed and flexible exchange rates.

#### SECTION–C

Public Finance: Nature, scope importance.

Public Expenditure: Meaning, principles, importance, effect of public expenditure on production and distribution.

#### SECTION–D

Taxes: Meaning, classification, features of a good taxation system, canons of taxation, incidence and impact of taxation.

Public Debt: Meaning, objectives, importance, its burden.

#### Recommended Texts

1. Sodersten, B.O.: International Economics, Macmillan, London, 1980.
2. Salvatore, B.: International Economics (1990), Macmillan Publishing Company, New York, 1975.
3. Maclean and: International Institutions in Trade Snowdown and Finance (1981).
4. Aggarwal, M.R.: International Institutions and Development in Developing Countries, Deep & Deep Publications, New Delhi, 2001.
5. Musgrave, R.A.: Theory of Public Finance.
6. Taylorm Philip: The Economics of Public Finance.
7. Buchanan, J.M.: The Public Finance.
8. Baltin, H.: Public Finance.
9. Herber, B.P.: Modern Public Finance.

*B.A./B.Sc. (Semester–III) (Session 2019-20)*

#### OFFICE MANAGEMENT AND SECRETARIAL PRACTICE (VOCATIONAL)

#### OFFICE MANAGEMENT AND METHODS

Time: 3 Hrs.

Marks: 100

Instructions for the Paper Setters:-

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### SECTION–A

Office and office Management – meaning of office, function of office, primary and administrative functions, importance of office. Relation of office with other departments of business Organization. Concept of paperless office, virtual office, back and front

office, open and private office. Definition and elements of office management, duties of an Office Manager.

#### SECTION–B

Filing and Indexing – Meaning and importance of filing, essential of good filing system. Centralized and decentralized filing system. Meaning, need and types of indexing used in the business organization.

Office forms– Meaning and types of forms used in business organization, advantages, forms controls, objectives, form designing, principles of forms designing and specimens of forms used in office. Office Record Management – Meaning, importance of record keeping management, principles of record management and types of records kept in a business organization.

#### SECTION–C

Office Machines and equipments – Importance, objectives of office machines.

Office Safety and Security – Meaning, importance of office Safety, safety hazards and steps to improve office safety. Security hazards and steps to improve office security.

#### SECTION–D

Measurement of Office Work – Importance, purpose, difficulty in measuring office work.

Different ways of measurement, setting of work standards, benefits of work standards.

Techniques of setting standards. Office Manuals – Meaning, need, types of office manuals and steps in preparing of office manuals.

Suggested Readings:

- 1) Chhabra, T.N., Modern Business Organisation, New Delhi, Dhanpat Rai & Sons.
- 2) Duggal, Balraj, Office Management and Commercial Correspondence, Kitab Mahal, New Delhi.
- 3) P.K. Ghosh, “Office Management”, Sultan Chand & Sons. New Delhi
- 4) R.K. Chopra, Office Management, Himalaya Publishing House

B.A./B.Sc. (*Semester–III*) (*Session 2018-19*)

### MATHEMATICS

#### PAPER–I: ANALYSIS

Time: 3 Hours

Marks: 50

Instructions for the Paper Setters:-

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### SECTION–A

Definition of a sequence. Theorems on limits of sequences. Bounded and monotonic sequences. Cauchy's convergence criterion.

#### SECTION–B

Series of non-negative terms. Comparison tests. Cauchy's integral test. Ratio test. Cauchy's root test. Raabe's test, logarithmic test. De Morgan's and Bertrand's test. Kummer's test, Cauchy condensation test, Gauss test, Alternating series. Leibnitz's test, absolute and conditional convergence.

#### SECTION–C

Partitions, Upper and lower sums. Upper and lower integrals, Riemann integrability. Conditions of existence of Riemann integrability of continuous functions and of monotone functions. Algebra of integrable functions.

#### SECTION–D

Improper integrals and statements of their conditions of existence. Test of the convergence of improper integral, Beta and Gamma functions.

Books Recommended:

1. Malik, S.C. and Savita Arora: Mathematical Analysis, Wiley Eastern Ltd. (1991).
2. Apostol, T.M.: Mathematical Analysis, Addison Wesley Series in Mathematics (1974).
3. Narayan, S. and P.K. Mittal: Integral Calculus, Sultan Chand & Sons.

B.A./B.Sc. (*Semester–III*) (*Session 2019-20*)

#### FINE ARTS

(DRAWING & PAINTING) PAPER–A (THEORY)

Time: 3 Hrs.

Marks: 50

Instructions for the Paper Setters:-

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### SECTION–A

1. Classical Sculptures:

• The Guptas:

(A) Mathura:

(i) Standing Buddha

(ii) Vishnu

(B) Sarnath:

(i) Seated Buddha

(ii) Buddha from Sultanganj



## SECTION–B

### 2. Postclassical Sculptures:

- Ellora:
  - (i) Ravana shaking mount Kailasha
  - (ii) Abduction of Sita
- Elephanta:
  - (i) Trimurti
  - (ii) Marriage of Shiva and Parvati

## SECTION–C

- Mahaballipuram:
  - (i) Descent of the Ganges
  - (ii) Mahisasurmardini

## SECTION–D

### 3. Chola Bronzes:

- (i) Parvati
- (ii) Shiva Natraja
- (iii) Kali

### Suggest Readings:

1. The Art Forger by Barbara A. Shapiro
2. The Art Spirit by Robert Henri
3. Vision and Art: The Biology of Seeing by Margaret S. Livingstone
4. History of Art by H.W. Janson
5. Wall and Piece by Banksy
6. American Painting by Donald Letcher Goddard
7. The Paintings Of Samuel Palmer by Raymond Lister

B.A./B.Sc. (*Semester–III*) (*Session 2019-20*)

## COMPUTER SCIENCE

### COMPUTER ORIENTED NUMERICAL AND STATISTICAL METHODS (THEORY)

Time: 3 Hours

Max. Marks: 100

4 Hours/week Theory Marks: 75

Practical Marks: 25

### Instructions for the Paper Setters:-

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four).

Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### SECTION–A

Introduction:

Numerical methods, Numerical methods versus numerical analysis, Errors and Measures of Errors. Non-linear Equations, Iterative Solutions, Multiple roots and other difficulties, Interpolation methods, Methods of bisection, False position Method, Newton Raphson-method.

#### SECTION–B

Simultaneous Solution of Equations, Gauss Elimination Method Gauss Jordan method. Gauss Siedel Method, Matrix Inversion Method.

#### SECTION–C

Interpolation and Curve Fitting, Lagrangian Polynomials, Newtons Methods: Forward Difference Method, Backward Difference Method Divided Difference Method. Numerical Integration and Different Tryaperzoidal Rule, Simpson's 1/3 Rule Simpson's 3/8 Rule.

#### SECTION–D

Numerical differentiation by Polynomial Fit Statistical Techniques  
Measure of Central Tendency, Preparing frequency distribution table, Mean Arithmetic, Mean geometric, Mean harmonic, Mean median Mode.  
Measure of dispersion, Skewness and Kurtosis Range, Mean deviation, Standard deviation, co-efficient of variation, Moments Skewness Kurtosis.  
Correlation Bivariate Distribution Multivariate distribution.  
Regression B.C., Linear Regression, Multiple Regression.  
Trend Analysis least square fit linear trend, Non-linear trend  
 $Y=axb$   
 $Y=abx$   
 $Y=acx$   
Polynomial fit:  $Y=a+aX+ea^2x^2+a^nxn+n$

Books Recommended:

- 1 B.S. Grewal: *Numerical Methods for Engineering*, Sultan Chand Publications.
- 2 V. Rajaraman: *Computer Oriented Numerical Methods*, Prentice Hall of India Private Ltd., New Delhi.

B.A./B.Sc. (Semester–III) (Session 2019-20)

## ENGLISH (ELECTIVE)

Time: 3 Hours Max. Marks: 100

Instructions for the Paper Setters:-

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

Books Prescribed:

1. *Animal Farm* by George Orwell
2. *Fresh Showers*, G.N.D.U. Amritsar
3. *New Directions* (Part 1-3)
4. *Better Pronunciation of English* by J.D. O'Connor

Course Contents:

1. *Animal Farm*—Complete Text
2. *Fresh Showers*

The following poems are DELETED:

- (i) Alexander's Feast, (ii) Evelyn Hope, (iii) Adam's Curse, (iv) Lay Your Sleeping Head, (v) A Hub for the Universe, (vi) Birches, (vii) Tithonus

3. *New Directions*-Part 1,2,3

4. Transcription of Words: agony, antonym, capable, committee, decorum, aero plane, calendar, privacy, absolute, academy, academic, advertisement, adversity, allopathic, mathematics, automobile, biography, biology, competition, competitive, certificate, certify, democracy, capacity, magnificent, photography, photograph, photographic, vindictive, celebrity

The syllabus is divided in four sections as mentioned below:

Section–A *Animal Farm*—Complete Text

Section–B *Fresh Showers*

The following poems are DELETED:

- (i) Alexander's Feast, (ii) Evelyn Hope, (iii) Adam's Curse, (iv) Lay Your Sleeping Head, (v) A Hub for the Universe, (vi) Birches, (vii) Tithonus

Section–C *New Directions*-Part 1,2,3

Section–D Transcription of Words: agony, antonym, capable, committee, decorum, aeroplane, calendar, privacy, absolute, academy, academic, advertisement, adversity, allopathic, mathematics, automobile, biography, biology, competition, competitive, certificate, certify, democracy, capacity, magnificent, photography, photograph, photographic, vindictive, celebrity

Section–A

- Two questions will be set from Section–A of the syllabus. One essay type question based on the theme, plot, characterization etc would be set carrying eight marks. The second part of the question would carry three short answer questions. Each question

would carry four marks. The students would be required to attempt any one of the two sets of questions.(8+3x4=20)

#### Section–B

- Two questions will be set from Section–B of the syllabus. One essay type question based on the theme, plot, characterization would be set carrying eight marks. The second part of the question would carry three short answer questions. Each question would carry four marks One of the questions may be a reference to the context of a stanza. The students would be required to attempt any one of the two sets of questions. (8+3x4=20)

#### Section–C

- Two questions will be set from Section–C of the syllabus. One essay type question based on the theme, plot etc. of the prescribed text would be set carrying eight marks. The second part of the question would carry three short answer questions. Each question would carry four marks. The students would be required to attempt any one of the two sets of questions.(8+3x4=20)

#### Section–D

- Two questions would be set from Section–D of the syllabus. Ten words for transcription (five out of the prescribed list and any other five polysyllabic words) would be set in each question. Each word would carry two marks. The students would be required to attempt any one of the two sets of questions. (10x2=20)

### ENGLISH (COMPULSORY)

Time: 3 Hours

Max. Marks: 50

Instructions for the Paper Setters:-

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

Important Note: The textbook *Making Connections* (3rd edition) is significantly different from its 2nd edition. The third edition (by Kenneth J Pakenham, Jo McEntire, Jessica Williams) is to be followed for this course.

Texts Prescribed:

1. *Making Connections* by Kenneth J. Pakenham, Jo McEntire, Jessica Williams, 3rd Edition. CUP.
2. *Moments in Time: An Anthology of Poems*, GNDU, Amritsar.
3. *English Grammar in Use* (Fourth Edition) by Raymond Murphy, CUP

Syllabus is divided into four sections as mentioned below:

Section A- *English Grammar in Use* (Fourth Edition) by Raymond Murphy, CUP: Units 98-130

Section B – Essay writing and *English Grammar in Use*: Units 131-145

Section C- *Moments in Time*: Poems at Sr. No. 1-6

Section D-*Making Connections* by Kenneth J. Pakenham, 3rd Edn. CUP: Unit-I (Global Health) and Unit-II (Multicultural Societies)

## SEMESTER III

### PHYSICAL EDUCATION(THEORY)

Time 3 hours Maximum mark: 100

Theory mark: 60

Practical Marks: 40

Instructions for the Paper Setters:-

Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### SECTION–A

1. Meaning of Learning, Nature of skill Learning and laws of learning.
2. Learning Curve.
3. Motivation in Physical education.

#### SECTION–B

4. Play meaning and Theory.
5. Psychological factors effecting sports performance i.e stress tension, anxiety, aggression.
6. Psychological characteristics of the adolescent in sports situation.

#### SECTION–C

7. Transfer of training, its application sports situation.
8. Growth and development during childhood;
  - I. Physical
  - II. Mental
  - III. Emotional
  - IV. Inter- Personal social development.
9. Causes of poor performance in India.

#### SECTION–D

10. Sports and Economy.
  11. Sports and Socialization-integration through sports(National & International)
  12. Sports, Politics and their relationship.
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### PHYSICAL EDUCATION(PRACTICAL)

Marks: 40

Division Marks: athletics (12) + games (12) + ground marking (3+3), Practical Note Book (5), Viva Voce (5)

➤ Athletics Performance----- 200M, Discuss Throw for Boys  
200M, Discuss Throw for Girls

➤ Games(Boys & Girls)----- Fundamental Rules, Performance

Football

Yoga

Books Recommended:

1. Singh, Kanwaljeet and Singh Inderjeet: Sports Sociology, Friend Publication New Delhi, 2000.
2. Tandan, D.K. et.al, : Scientific basis of physical education and sports Friends Publication New Delhi, 2001.
3. Singh, Ajmer and Gill Jagtar: Essentials of Physical Education and Olympics Movement, Kalyani Publisher, Ludhiana, 2004.
4. Kang, G.S.: Anatomy, Physiology and Health Education Publication Bureau, Punjabi University, Patiala, 2000.
5. Kang, G.S. and Deol, N.S.: An Introduction to Health and Physical Education, 21st Centaury, Patiala, 2008.

B.A./B.Sc. (Semester-I)(Session 2019-20)

COMMERCE

COMMERCE THEORY AND FUNCTIONAL MANAGEMENT

Time: 3 Hours

Max. Marks: 100

Instructions for the Paper Setters:

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Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

The candidates are allowed to use simple (Non-Scientific) calculators.

SECTION-A

A critical evaluation of various definitions of Commerce, Commerce Art or Science or both, Commerce as a Profession, Relationship and Difference between Economics, Commerce and Management, Functions of Commerce: Traditional and Modern. Management: Definition, purpose and significance. Management Art or Science for both.

SECTION-B

Management as a Process:

Planning, Organising, Staffing, Direction and Control and their meaning, Features and principles. Contributions to Management thought with special reference to Taylor, Fayel, Elton Mayo. Personnel Management:

Meaning and significance, Managerial and operative Functions–Recruitment, Selection and training. Methods of wage payment, absenteeism and labour turnover, Job evaluation and merit rating, Trade Unionism, worker’s participation in management.

#### SECTION–C

Marketing Management

: Concept of Marketing, functions of marketing research–meaning and, Techniques, advertising and salesmanship.

#### SECTION–D

Production: Functions, production, planning and control, purchasing and storekeeping, inventory Control, quality control.

Finance: Meaning and importance, sources of finance.

Suggested Readings:

1. Bose Chandra, "Principles of Management and Administration", Prentice Hall of India, 2007.
2. Massie, "Essentials of Management", Fourth Edition, Prentice Hall of India, 2007.
3. Robbins and Coulter, "Management", 8th Edition, Prentice Hall of India, 2007.
4. Dholakia Nikhilesh and Khurana Rakesh, "Marketing Management", McMillan India Ltd., 2007.
5. Hitt, "Management", Pearson Education, 2007.

B.A./B.Sc. (Semester–I)(Session 2019-20)

HOME SCIENCE(THEORY)

FAMILY RESOURCE MANAGEMENT & HYGIENE

Time: 3 Hours

6 Periods/week

Max. Marks: 100

Theory Marks:60

Practical Marks: 40

Instructions for the Paper Setters:

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Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

#### SECTION–A

- 1.Home:Meaning and importance of Home Science
- 2.Functions of Home:Renting v/s owning
- 3.Selection of site, soil, locality for a house
- 4.Principles of planning a house, orientation aspect, prospect, privacy, roominess, grouping, flexibility, circulation, sanitation, furniture requirement and practical considerations.

## SECTION–B

- 5.Elements of Art: line, form, shape, texture, size.
- 6.Principles of Art in relation to interior decoration, Harmony, Balance, Rhythm, Proportion and Emphasis.
- 7.Colour•Characteristic of colour•Colour wheel•Colour schemes•  
Use of colour in Int. Decoration for various rooms.

## SECTION–C

- 8.Hygiene
  - a) Definition of hygiene.
  - b) Definition of infection, sources, carrier and control.
  - c) Definition and types of Immunity
- 9.Causes and Spread of following Diseases
  - a) Caused by insects–malaria, dengue.
  - b) Conveyed by ingestion–Enteric fever, Jaundice, Dysentery, and Diarrhea.
  - c) Spread by droplet infection, chicken pox, measles, and mumps tuberculosis.
  - d) Sexually transmitted diseases–AIDS.

## SECTION–D

10. Food Hygiene
  - a) Food Hygiene–Definition
  - b) Hygiene during preparation, service and storage of food.
  - c) Food poisoning, causes and prevention.
  - d) Purification and storage of Water for home.

Sr.no.	Book title	Author
1.	Home Furnishing	Rutt, Anna Hong
2.	Family Resource Management & Health Science	Dr. Rajwinder K.Randhawa
3.	A text book of Home Management and Physiology	Sushma Gupta, Neeru Garg, Amita Aggarwal
4.	Hygiene and Public Health	Bedi, Yashpal
5.	Textbook of Health Education	Ramachandran, I.
6.	Textbook of Home Science	Neelam Garewal

## FAMILY RESOURCE MANAGEMENT & HYGIENE (PRACTICAL)

Time: 3 Hours

Marks: 40

4 Periods/week

Cleaning & polishing of household metals, brass, copper, silver, gold, aluminum, iron, steel, non stick pans, plastic. Colour Wheel.Colour Schemes

–Monochromatic, Analogous, Complementary. Prepare any five texture sheets using Fevicol, Spray, Stencil, Thread, Pulling, Crayons marbling etc.

Floor decoration of Alpana & Rangoli for different Occasions.

Instruction for the practical examiner:



-

There will be three questions from the syllabus. The division of marks will be as follows:

Cleaning of metal. 10 Marks

Color schemes/textured sheet. 10 Marks

Rangoli/alpna 10 Marks

File and viva 10 Marks

Note: One Practical group will consist of 15 students.

B.A./B.Sc. (Semester-I)(Session 2019-20)

MUSIC (VOCAL)(THEORY)

Total Marks: 100 Theory: 3 Hours Theory Marks: 50

Practical: 20 Min. for each student Practical Marks: 50

Teaching Work load:

Theory: 3 Periods per week Practical: 9 Periods per week

Instructions for the Paper Setters:-Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four

Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section.

The fifth question may be attempted from any Section.

SECTION-A

1.Method of tuning your instrument (Tanpura).

2.Definition and explanation of the following Musical Terms: Sangeet, Swar, Naad, Saptak,Jati.

SECTION-B

3.Contribution and Life Sketches of the following musicians: Tansen or Swami Hari Das,Abdul Karim Khan.

4.Elementary knowledge of Wedding Song of Punjabi culture with special reference to Ghorianand Suhag.

SECTION-C

5.Description and notation of the following Ragas: Bilawal, Khamaaj and Bhopali.

6.Description and notation of the following Taals: Teentaal, Dadra.

SECTION-D

7.Contribution of Sri Guru Nanak Dev Ji towards Indian Music.

8.Definition and explanation of the following terms in the context of Gurmat Sangeet:Raga,Mohalla, Rahao, Rababi.

MUSIC(VOCAL)(PRACTICAL)

Time: 20 Minutes

Marks: 50

1. One Drut Khayal in each of the following Ragas with simple Alaps and Tanas: Bilawal, Khamaaj and Bhopali.
2. One Sargam Geet from prescribed Ragas.
3. Ability to play five alankars on the Harmonium based on the Bilawal Thata.
4. Ability to recite Teental and Dadra showing Khali Tali with hand motion in Ekgun, Dhugan Layakaries.
5. Recitation of Ghorian.
6. Knowledge of the following non-detailed Ragas: Alahaiya Bilawal, Deshkaar & Kalingara

Books Recommended:

1. Rag Parichya Part-I to IV by Shri Harish Chnder Srivastava.
2. Sangeet Shastra Darpan Part-II (Punjabi) published by Punjabi University, Patiala.
3. Sangeet Vishard Sangeet Karayalya, Hathras.
4. Sangeet Shastra Darpan Shanti Govardhan.
5. Hamare Sangeet Rattan Sangeet Karyalaya, Hathras.
6. Kramik Pustak Malika by Vishnu Narayan Bhathkhande.
7. Sangeet Nibandhavli, Dr. Gurnam Singh, published by Punjabi University, Patiala.
8. Sikh Dharam Ate Bhakti Sangeet, Dr. Jitender Kaur.
9. Gurmat Sangeet (Vishesh Ank) Amrit Kirtan Trust, 422, 15/A, Chandigarh.