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FIRST YEAR B.PEd. INTEGRATED DEGREE REGULAR/SUPPLEMENTARY EXAMINATION, APRIL 2021

Paper V—FUNDAMENTALS OF COMPUTERS AND INFORMATION TECHNOLOGY

(2013 Syllabus)

Time : Three Hours   Maximum : 75 Marks

Answer any **five** *questions of which* **three** *questions should be from Part A and* **two** *questions from Part B include it* **Question No. 8** *is* **compulsory.**

Part A

1. Briefly explain the essential components of Computer and discuss its uses.

    (1 × 15 = 15 marks)

2. (a) Match the column :

    (i)   Mozila Firefox   —   File Compression.

    (ii) CASHE   —   Software.

    (iii) Skype   —   Memory.

    (iv) Word   —   Video chat and Voice.

    (v)   WinRAR   —   Search engine.

    (5 × 1 = 5 marks)

    (b) Write different types of computers.   (1 × 5 = 5 marks)

    (c) Write the working of Binary number system.   (1 × 5 = 5 marks)

3. (a) What are the advantages of Palmtop computers.   (1 × 5 = 5 marks)

    (b) Briefly explain the connecting process of LCD projector. (1 × 5 = 5 marks)

    (c) Discuss the advantages of online marketing.   (1 × 5 = 5 marks)

4. (a) Write the application of ICT in Physical Education.   (1 × 5 = 5 marks)

    (b) How will you prepare a word sheet and insert an image in Windows ?

    (1 × 5 = 5 marks)

    (c) Differentiate CPU and output devices in computer.   (1 × 5 = 5 marks)

5. (a) List out major input devices used in Personal computer. (1 × 5 = 5 marks)

    (b) Explain the features of free Software in windows.   (1 × 5 = 5 marks)

    (c) Discuss advanced parallel processing in computer.   (1 × 5 = 5 marks)

Turn over

Part B

6. Briefly explain the types of memories and its features in computer.   (1 × 15 = 15 marks)

7. (a) Fill in the blanks :

      (i) ———— is an output device.   (ii) 1 TB = ———— GB.

      (iii) URL stands for ————.   (iv) ———— is a social media.

      (v) ———— is a super computer.

(5 × 1 = 5 marks)

    (b) Briefly explain the features of super computer.   (1 × 5 = 5 marks)

    (c) Discuss the features of DIGITAL computer.   (1 × 5 = 5 marks)

8. Write very short notes on any *five* of the following :—

    (a) What is 'Booting' ?

    (b) What are the advantages of 'Power Point' in presentation ?

    (c) What is 'Video Conferencing' ?

    (d) What are the requirements needed for getting 'Internet' ?

    (e) How will you send information through Email ?

    (f) Differentiate Internet and Intranet.

    (g) Explain the steps for preparing a data page in an Excel Sheet.

(5 × 3 = 15 marks)

FIRST YEAR B.PEd. INTEGRATED DEGREE REGULAR/SUPPLEMENTARY EXAMINATION, APRIL 2021

Paper IV—HISTORY OF PHYSICAL EDUCATION

(2013 Syllabus)

Time : Three Hours　　　　　　　　　　　　　　　　　Maximum : 75 Marks

Answer any **three** *questions from Part A and any* **two** *questions from Part B.*
Question 8 *is* **compulsory**.

Part A

1. Justify Physical Education in our education system with the help of its Aims and Objectives.

(1 × 15 = 15 marks)

2. (A) Expand the following :

    (a) IASSPE.　　　　　　(b) NAPES.

    (c) NSNIS.　　　　　　(d) NFC.

    (e) PYKKA.

(5 × 1 = 5 marks)

  (B) Match the following :

    (a) IOA.　　　　　　　　　　　— 2002.

    (b) Dhyan Chand Award　　　— 1927.

    (c) Paralympics　　　　　　　— 1964.

    (d) Kothari Education Commission — 1948.

    (e) Asian Games　　　　　　　— 1951.

(5 × 1 = 5 marks)

  (C) Fill in the blanks :

    (a) In honour of Greek God ———, Olympic Games were held in ancient Greece.

    (b) Winner of first ancient Olympic games ———.

    (c) ——— is known as the father of modern Olympics.

    (d) Arjuna award was instituted in the year ———.

    (e) Five rings on the Olympic Symbol represent ———.

(5 × 1 = 5 marks)

3. Describe the following :—

    (a) Pan-Hellenic Festival.

    (b) IOC.

    (c) Winter Olympics.

                                                 (3 × 5 = 15 marks)

4. Briefly explain the following :—

    (a) Olympic Values.

    (b) Physical Education in Ancient Greece.

    (c) Teacher Training Institutions in Physical Education.

                                             (3 × 5 = 15 marks)

5. Write short notes on :

    (a) Kerala State Sports Council.

    (b) Sports Authority of India.

    (c) Fit India Programme.

                                             (3 × 5 = 15 marks)

Part B

6. Explain in detail on Ancient Olympics and Modern Olympics.   (1 × 15 = 15 marks)

7. Write short notes on :

    (a) Physical Education in Kerala Schools.

    (b) NCC.

    (c) Gladiatorial Combats.

                                             (3 × 5 = 15 marks)

8. Write short notes on any *five* of the following :—

    (a) National Sports Day.   (b) IOA.

    (c) Arjuna Award.   (d) Asian Game Motto.

    (e) PYKKA.   (f) Physical Education in Ancient Greece.

    (g) NFC.   (h) Commonwealth Games.

                                             (5 × 3 = 15 marks)

FIRST YEAR B.PEd. INTEGRATED DEGREE REGULAR/SUPPLEMENTARY EXAMINATION, APRIL 2021

Paper III—SOCIOLOGY AND SOCIOLOGY OF SPORTS

(2013 Syllabus)

Time : Three Hours   Maximum : 75 Marks

Answer any **three** *questions from Part A and any* **two** *questions from Part B.*
Question 8 *is* **compulsory.**
All questions carry 15 *marks each.*

Part A

1. "Community strengthens sports and sports strengthen community." Explain.

(1 × 15 = 15 marks)

2. Write short notes on :

    (a) Customs and Traditions.   (1 × 5 = 5 marks)

    (b) Sports and Politics.   (1 × 5 = 5 marks)

    (c) Fill in the blanks :

          (i) ——— is an organization, establishment, foundation, society, or the like, devoted to the promotion of a particular cause of program.

          (ii) ——— is a grouping of humans based on shared physical or social qualities into categories generally viewed as distinct by society.

          (iii) The Forty-Second Amendment of the Constitution of India enacted in the year ——— asserts India as a Secular Nation.

          (iv) In a society, the response of individuals to one another is called ———.

          (v) ——— are tools for the transfer of information, concepts, and ideas to both general and specific audiences.

(5 × 1 = 5 marks)

3. Explain the following :—

    (a) Social stratification.

    (b) Religious Pluralism.

    (c) Social disorganization.

(3 × 5 = 15 marks)

4. Explain in detail the need, types and means of social control.   (1 × 15 = 15 marks)

5. Differentiate the following :—

    (a)   Associations and Institutions.

    (b)   Democracy and Autocracy.

    (c)   Society and Community.

(3 × 5 = 15 marks)

Part B

6. Explain the influence of culture in personality development.   (1 × 15 = 15 marks)

7. Write short notes on :

    (a)   Types of marriages.   (1 × 5 = 5 marks)

    (b)   Characteristics of social organization.   (1 × 5 = 5 marks)

    (c)   Answer the following :—

        (i)   The act of marrying someone of a lower social and economic class than your own is known as ?

       (ii)   The general standards, which decide what is good and what is bad.

      (iii)   Any significant alteration over time in behaviour patterns and cultural values and norms is referred to as ?

      (iv)   Small groups of people who follow one or more particular issue very closely.

       (v)   The process of internalizing the norms and ideologies of society is called ?

(5 × 1 = 5 marks)

8. Describe any *five* of the following :—

    (a)   Sports-for-all.   (b)   Institutions.

    (c)   Social control.   (d)   Civilization.

    (e)   Sports sociology.   (f)   Cultural change.

    (g)   Professionalism in sports.

(5 × 3 = 15 marks)

(Pages : 2)

Name............................

Reg. No..............................

FIRST YEAR B.PEd. INTEGRATED DEGREE REGULAR/SUPPLEMENTARY EXAMINATION, APRIL 2021

Paper II—BASIC AND SYSTEMIC ANATOMY

(2013 Syllabus)

Time : Three Hours   Maximum : 75 Marks

Answer any **three** *questions from Part A and any* **two** *questions from Part B.*
Question 8 *is* **compulsory.**

Part A

1. Describe structure and functions of cell.   (1 × 15 = 15 marks)

2. Write short notes :

    (a) Tissue.

    (b) Importance of Anatomy in Physical Education and Sports.

    (c) Functions of muscles.

            (3 × 5 = 15 marks)

3. Briefly explain :

    (a) Muscles and movement around shoulder joint.

    (b) Structure of skull bones.

    (c) Functions of bones.

            (3 × 5 = 15 marks)

4. Write notes on :

    (a) Muscles of respiration.

    (b) Protein synthesis.

    (c) Functions of blood.

            (3 × 5 = 15 marks)

5. Discuss briefly :

    (a) Types of joints.

    (b) Vital capacity of lungs.

    (c) Structure of heart.

            (3 × 5 = 15 marks)

Turn over

Part B

6. Describe the mechanism of vision.   (1 × 15 = 15 marks)

7. Write notes on :

     (a) Pituitary gland.

     (b) Structure of nose.

     (c) Spinal cord.

                                       (3 × 5 = 15 marks)

8. Write short notes on any *five* of the followings :

     (a) Vertebra.   (b) Mitochondria.

     (c) Scapula.   (d) Rib.

     (e) Larynx.   (f) Residual air.

     (g) Pancreas.   (h) Hyperopia.

                                         (5 × 3 = 15 marks)

FIRST YEAR B.PEd. INTEGRATED DEGREE (REGULAR/SUPPLEMENTARY) EXAMINATION, APRIL 2021

B.PEd

Paper I—ENGLISH

(2013 Syllabus)

Time : Three Hours

Maximum : 75 Marks

Answer any **five** *questions of which* **three** *questions should be from Part A and* **two** *questions from Part B, including* **Question 8** *which is* **compulsory.**

Part A

1. (a) Read the following passage and answer the questions each in a sentence or two :

> One major problem that faces the world today is the rapid growth of population, often referred to as population explosion. Until about 800 AD the world's population stayed below 200 million. Since then it has risen dramatically. The rise has been greatest in the 20th Century. It is not so much the actual population as its rate of increase that is alarming. Experts predict that by 2020 there will be about ten billion people, causing serious problems of hunger, overcrowding and environmental pollution.

> The increase in population is due to better food, better hygiene and above all, the advances made in medicine. Rapid developments in modern medicine have conquered many diseases and consequently the death rate has decreased. Failure to arrest further increase of population may have disastrous effects, though there seems to be some truth in the statement made by Julian Simon of the University of Maryland : according to him, although population growth means there will be more mouths to feed, there will be "more hands to work and more brains to think".

   (i) What is the prediction regarding the population growth ?

   (ii) What are the problems created by over population ?

   (iii) What are the reasons assumed for population explosion ?

   (iv) How did modern medicine contribute to the problem ?

   (v) What does the words of Julian Simon mean ?

(5 × 2 = 10 marks)

   (b) Write a precis of the above passage in about one-third of the length.

(1 × 5 = 5 marks)

2. (a) Write two synonyms of the following words :

   (i) shine.

   (ii) purpose.

   (iii) option.

   (iv) fast.

   (v) collect.

(5 × 1 = 5 marks)

Turn over

(b) Write the antonyms of the following words :

    (i) mature.   (ii) optimist.

   (iii) prudent.   (iv) qualified.

    (v) transparent.

                                        (5 × 1 = 5 marks)

(c) Give one word substitute for the following :

    (i) Agreed to by everyone.

   (ii) A person who never drinks alcohol.

  (iii) One who walks in sleep.

  (iv) An imaginary name assumed by an author for disguise.

   (v) One who gets pleasure out of other's sufferings.

                                        (5 × 1 = 5 marks)

3. (a) Rewrite the following sentences to form a meaningful paragraph :

    (i) They travel to avoid bad weather.

   (ii) They travel also to give birth to their young ones.

  (iii) Some animals travel long distances in search of food.

  (iv) They return home when conditions are again favourable.

   (v) This movement is called migration.

                                        (5 × 1 = 5 marks)

(b) Punctuate the following sentences :

    (i) there are no students in the playground

   (ii) how many books do you want he asked his friend

  (iii) what a marvelous picture he exclaimed

  (iv) nalini and sobha were the best students in our class

   (v) what is the price for this shirt he asked.

                                        (5 × 1 = 5 marks)

(c) Make notes of the following passage :

The internet is a huge computer network. It stretches right around the world, connecting millions of computers to each other. Any two computers connected to the internet, wherever they are, can exchange information. The internet is a fast and efficient way of sending information around the world. This is why it is sometimes called the information superhighway.

                                        (1 × 5 = 5 marks)

4. (a) Write a story from the following outline :

An old lady became blind — call a doctor — agree to pay a large amount if cured — doctor comes everyday — takes away precious things — at last she is cured — refuses to pay — in court — she says eye sight not restored — she cannot see many things in house — judge gives verdict in her favour.

(1 × 5 = 5 marks)

(b) Prepare a notice to announce the commencement of internal examinations in your college.

(1 × 5 = 5 marks)

(c) Write five sentences to be presented in a group discussion on "The Necessity of Sports and Games in Life".

(1 × 5 = 5 marks)

5. (a) Introduce yourself in an interview held for the selection to Indian Basketball Team. Write down five sentences.

(1 × 5 = 5 marks)

(b) Expand the following proverb :

An idle brain is the devil's workshop.

Or

A stitch in time saves nine.

(1 × 5 = 5 marks)

(c) Give examples for the type of sentence as given below :

(i) Imperative.   (ii) Assertive.

(iii) Optative.   (iv) Interrogative.

(v) Exclamatory.

(5 × 1 = 5 marks)

Part B

6. Write a letter to the District Collector inviting him for the College Day Celebrations.

Or

Write a letter to your brother enquiring about his future plans.

(1 × 15 = 15 marks)

7. (a) Write a short speech in five sentences about "Unity in Diversity".   (1 × 5 = 5 marks)

(b) Write a paragraph about "Reading in the Digital Age."   (1 × 5 = 5 marks)

(c) Write a few exchanges over phone between you and your father about the family tour you are planning to have next month.

(1 × 5 = 5 marks)

Turn over

8. Answer any *five* of the following :—

    (a)   Add prefixes to form the negative of the following :—

         (i) attractive ; (ii) proper ; (iii) loyal.

                                          (3 × 1 = 3 marks)

    (b)   Write the plural forms :

         (i) butterfly ; (ii) phenomenon ; (iii) key.

                                          (3 × 1 = 3 marks)

    (c)   Add suffixes to each of the following :—

         (i) tense ; (ii) predict ; (iii) kind.

                                          (3 × 1 = 3 marks) .

    (d)   Use the correct tense form of the word in brackets :

         (i)   She (dance) well.

         (ii)   He (play) well yesterday.

         (iii)   By the time he (arrive) the theatre, the movie (start).

                                          (3 × 1 = 3 marks)

    (e)   Fill in with suitable preposition :

         (i)   Be faithful ——— your country.

         (ii)   We are proud ——— our motherland.

         (iii)   He is an expert ——— cricket.

                                          (3 × 1 = 3 marks)

    (f)   Change the voice :

         (i)   He will finish the work tomorrow.

         (ii)   The servant opened the door.

         (iii)   The meeting was inaugurated by the Principal.

                                          (3 × 1 = 3 marks)

    (g)   Change the following into indirect speech :

         (i)   The director said, "I am very busy now".

         (ii)   He said to me, "I don't believe you".

         (iii)   The policeman said to us, "where are you going".

                                          (3 × 1 = 3 marks)

    (h)   Correct the following sentences :

         (i)   He prefers coffee than tea.

         (ii)   How many students are there in your class ?

         (iii)   One of my colleagues read novels.

                                          (3 × 1 = 3 marks)