

Total Marks 200

519

COMPUTER
(English Medium)

Category

A

519-COMPUTER

A51900316

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Seat No. of the Candidate

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Block No. of the Candidate

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Signature of the Candidate

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Signature of the Block Supervisor

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Important Instructions for Candidates

- (1) Please do not open the question booklet until you are told to do so.
- (2) During examination, if a candidate is found having any literature guide, guide, piece of paper, handwritten or printed paper, mobile phone, calculator, spy camera, headphone or any other equipments then the candidate will be considered as disqualified.
- (3) During the examination if candidates are found conversing with each other, making noise or not following supervisor's instructions then they will be considered as disqualified.
- (4) After receiving question paper please write your seat number in **OMR SHEET** at the correct given place.
- (5) Please do not write your seat number at any other place than the allotted one in the **OMR SHEET** and if any sign of your identity or recognition is found then you will be considered totally disqualified for the examination.
- (6) Signatures of both the supervisor and the candidate in the certificate of **OMR SHEET** are compulsory without which **OMR SHEET** will not be evaluated, so it is compulsory for the candidate to get signature of the supervisor.
- (7) Candidates can use blue/black ball pen. They cannot use pens or pencils of any other colour and also whitener.
- (8) No marks should be made on any of the options in the question paper.
- (9) There are total 200 questions in this question paper. There is only one answer to each question from the options A, B, C and D. Four options are given for each question. All the questions are compulsory.
Example: What is the capital of Gujarat?
(A) Ahmedabad (B) Gandhinagar (C) Vadnagar (D) Patan
Here, if option (B) Gandhinagar is correct then option (B) in the **OMR SHEET** will have to be darkened with pen. **A ● C D**
- (10) One(1) mark is allotted to each correct answer. For each wrong answer 0.25 marks will be deducted. If a candidate does not want to answer any question then he/she will have to select option E. Negative marking will not be applicable for option E.
- (11) Cross marked answers, answers given on more than one option and answers re-marked after use of blade, eraser or whitener will be given **Negative 0.25 marks**.
- (12) Please hand over the **OMR SHEET** to the block supervisor after completion of examination before leaving the classroom. Any candidate failing to do so will be considered as disqualified for the examination.
- (13) Maximum time allotted for the examination is 180 minutes.
- (14) Most appropriate option will be considered as answer of the question.

- (1) How many Indian languages have been declared endangered by UNESCO
(A) 195 (B) 196 (C) 189 (D) 197
- (2) The National Education Policy (NEP) 2020, integrates ____ to root education in ancient knowledge of India and its contribution in modern India.
(A) Knowledgeable India (B) Indian Knowledge System
(C) Modern India (D) Ancient India
- (3) The full form of PARAKH is _____.
(A) Private Assessment, Report and Analysis of Knowledge for Holistic
(B) Performance Assessment, Review and Analysis of Knowledge for Holistic development
(C) Performance Assistant, Review and Analysis of knowledge for Holistic development
(D) Personal Assistant, Review and Analysis of Knowledge for Holistic development.
- (4) A scientist of Indian origin who made groundbreaking contribution in the study of DNA was _____.
(A) Radha Krushnan (B) Amartya Sen
(C) Hargovind Khurana (D) Dr. A.P.J. Abdul Kalam
- (5) The Three Tier Panchayati Raj System was recommended by _____.
(A) Mactapl Committee (B) British Committee
(C) Sevak Committee (D) Balwantraji Mehta Committee
- (6) Commonwealth Games were previously known as _____.
(A) European Games (B) Euro – Asian Games
(C) Common Games (D) British Empire Games
- (7) Who appoints CAG?
(A) Prime Minister (B) President
(C) Vice-President (D) Chief – Minister
- (8) The battle between Porus and Sikander was fought on the bank of _____ river.
(A) Chenab (B) Ravi
(C) Satluj (D) Jhelum

- (9) "Who among the following reigned during the Anno Domini Period?"
(A) Chandragupt Maurya (B) King Ashok
(C) Khilji Dynasty and Tughlaq Dynasty (D) Bindusara
- (10) _____ is the most renowned form of dance of Maharashtra.
(A) Ghumar (B) Kalbeliya
(C) Kachhighodi (D) Laavani
- (11). _____ was invented by Michael Faraday?
(A) Penicillin
(B) Periodic Table
(C) Precious Metal - Radium
(D) Conversion of Kinetic Energy into Electric energy
- (12) _____ among the following was written by Manubhai Pancholi (Darshak)
(A) Upanas (B) Socrates
(C) Anunay (D) Hayaati
- (13) Anup Kumar is a renowned _____ player.
(A) Kho – Kho (B) Kabaddi
(C) Cricket (D) Football
- (14) _____ was Suggested by Swami Vivekanand to Promote nationalism in India.
(A) Pride of the nation
(B) Public awareness and upliftment of the poor
(C) Inclusive Vision
(D) Cultural Pride
- (15) _____ is not a renewable energy resource.
(A) Forest (B) Wind
(C) Natural Gas (D) Sunlight

- (16) _____ was considered as the "Soul of Indian constitution" by Dr. B. R. Ambedkar.
- (A) Right to Education
 - (B) Cultural and Educational Right
 - (C) Right to go against exploitation
 - (D) Right to the Constitutional Remedies
- (17) Panchayati Raj Institutions came to exist on _____ in Gujarat.
- (A) 1st May, 1960
 - (B) 20th April, 1993
 - (C) 15th August, 1947
 - (D) 1st April, 1963
- (18) _____ is not founded by the Government to implement the recommendations of Mudaliar Commission 1953.
- (A) Rural Higher Education Committee
 - (B) University Grants Commission
 - (C) All India Education Council
 - (D) All India Council of Sports
- (19) Astronaut Sunita Williams has an ancestral link with _____.
- (A) Karnal, Haryana
 - (B) Vadodara, Gujarat
 - (C) Mahesana, Gujarat
 - (D) Kurukshetra, Haryana
- (20) _____ hosted the Kabaddi World Cup 2025.
- (A) India
 - (B) England
 - (C) South Korea
 - (D) Malaysia
- (21) Open and Distance Learning (ODL) is included in _____ education.
- (A) Formal
 - (B) Informal
 - (C) Non-formal
 - (D) None of the above
- (22) "I never teach my pupils; I only attempt to provide the conditions in which they can learn" who quoted it?
- (A) Maharshi Arvind
 - (B) Albert Einstein
 - (C) Pestology
 - (D) Eric Crome

- (23) "A person must use the development of his individuality by aligning it to the social needs and ideas. This is _____ aim of education.
- (A) an Individual (B) a Social
(C) a Peculiar (D) a Sovereign
- (24) _____ described education as a tri-polar process consisting of the teacher the learner the social environment or syllabus as a third pole".
- (A) John Dewey (B) John Adams
(C) Herbert Spencer (D) Benjamin S. Bloom
- (25) Idealism is also known as _____.
- (A) Idealism (B) Realism
(C) Naturalism (D) Pragmatism
- (26) John Dewey, Kilpatrick, and Mahatma Gandhi advocated _____.
- (A) Existentialism (B) Naturalism
(C) Idealism (D) Pragmatism
- (27) Social and National Integration can be attained through _____.
- (A) Joint Family (B) Requirement of Food
(C) Democracy (D) Population growth
- (28) What kind of education enables human to utilize free time more joyful and productive activities?
- (A) Non-formal Education
(B) Continuing Education
(C) Life-long Education
(D) Education through correspondence
- (29) The cultural objective of education emphasizes on _____.
- (A) to enrich a person with knowledge
(B) to inculcate ideals and morals in life
(C) to Transfer Knowledge, Art, Literature, Music from generation to generation.
(D) to enable a person to earn livelihood

- (30) "Human bears the competency of adapting to the situation and adapting one's needs to the situation" ____ form of pragmatism supports it.
- (A) Nominalistic Pragmatism (B) Experimental Pragmatism
(C) Biological Pragmatism (D) Humanistic Pragmatism
- (31) A person with IQ score 100, is placed in ____ category.
- (A) Average Intelligence (B) High Intelligence
(C) Lower Intelligence (D) Superior Intelligence
- (32) ____ type of Psychological conflict do Students Face when they neither want to stay at home nor go to school?
- (A) Approach – Avoidance (B) Approach – Approach
(C) Avoidance – Avoidance (D) Dual Approach Avoidance
- (33) A Psychologist who believed that "Motivation is cyclic"
- (A) Lipid (B) C.T. Morgan
(C) Lewin (D) Emilicuma
- (34) Which test is used to detect mental retardation among children?
- (A) Achievement Test (B) Reading Test
(C) Through General Observation (D) Intelligence Test
- (35) The full form of GATB is ____.
- (A) Great Attitude Test Box
(B) Global Attitude Test Book
(C) Global Aptitude Test Book
(D) General Aptitude Test Battery
- (36) ____ is placed the first among eight stages of Robert Gagne's approach.
- (A) Stimulus – Response Approach
(B) Verbal – Association Approach
(C) Problem – Solving Approach
(D) Chaining Approach

- (37) "Trial and Error Principle" of Thorndike is known as _____.
- (A) Stimulus – Response Approach
 - (B) Theory of operant conditioning
 - (C) Cognitive Learning Theory
 - (D) Principle of motivation
- (38) After fulfilling basic Physiological need, the next level in Maslow's Hierarchy of needs is _____.
- (A) Love and Belongingness
 - (B) Esteem Needs
 - (C) Self – Actualization needs
 - (D) Safety Needs
- (39) The measurement of intelligence was first successfully introduced by _____.
- (A) Garrett and Menttest
 - (B) Binet and Simon
 - (C) Crow and Crow
 - (D) Thurston and Spareman
- (40) The learning graph remains extended and horizontal during _____ temporary stage.
- (A) Learning
 - (B) Maturity
 - (C) Plateau
 - (D) End
- (41) To counsel a student towards the most suitable field of learning and future profession, educator usually rely on _____ test.
- (A) Intelligence Test
 - (B) Personality Measurement Test
 - (C) Aptitude Test
 - (D) Diagnostic Test
- (42) To enable a student to develop their creativity fully and completely, maximum importance should be given to _____.
- (A) Process
 - (B) Idea
 - (C) Excellence
 - (D) Creativity
- (43) While framing the teaching method in curriculum development, _____ state of students require prior consideration.
- (A) Mental
 - (B) Physical
 - (C) Emotional
 - (D) Holistic

- (44) _____ is Pre-requisite in order to promote concentration in Students.
- (A) Proficiency of Teacher
 - (B) Selection of proper method, congruent to the unit
 - (C) Age level
 - (D) Mental level
- (45) Any action that is derived from internal motivation and different from temptation is called _____.
- (A) Improper
 - (B) Motivation
 - (C) Eligibility
 - (D) Distress
- (46) Classroom behaviour generally observes total _____ types of interactions.
- (A) Five
 - (B) Two
 - (C) Three
 - (D) One
- (47) Bakum developed an evaluation process to measure _____ development of student.
- (A) Physical
 - (B) Mental
 - (C) Holistic
 - (D) Social
- (48) _____ has released an education from the bandage of Time, Collection and number.
- (A) Internet
 - (B) Technology
 - (C) Website
 - (D) Open University
- (49) The research that scientifically studies the daily problems of the school is called, _____ research.
- (A) Pragmatic
 - (B) Action
 - (C) Conditioning
 - (D) Visiting
- (50) To find out the mid-point of the given group, _____ is calculated
- (A) Median
 - (B) Mode
 - (C) Mean
 - (D) Any of the above
- (51) _____ is also known as Skinnerian Instruction.
- (A) Branchial Instruction
 - (B) Linear Instruction
 - (C) Mathematical Instruction
 - (D) All of the above

(52) Ned Flanders' Interaction analysis categories comprises Ten main categories

- (i) Teacher's Talk
- (ii) Pupil's Talk
- (iii) Silence

Which of the following shows the correct order?

- (A) (i) 7 (ii) 1 (iii) 2
- (C) (i) 6 (ii) 3 (iii) 1

- (B) (i) 4 (ii) 4 (iii) 2
- (D) (i) 7 (ii) 2 (iii) 1

(53) _____ is a correct formula for calculating Percentile Rate.

(A) $PR = 100 - \frac{(100R - 50)}{N}$

(B) $PR = 100 \frac{(100R - 50)}{N}$

(C) $PR = 100 - \frac{(50R - 100)}{N}$

(D) $PR = 1 - \frac{(100R - 50)}{N}$

(54) _____ is a correct mean of 6, 9, 10, 12, 16, 17.

(A) 10

(B) 11

(C) 17

(D) 12

(55) "Teacher uses the change in gestures, modulation of voice and hands' movement so that students focused" - This is mainly applied in _____ skill.

(A) Introductory

(B) Illustration

(C) Learning aids Experiment Skill

(D) Stimulus change

(56) _____ will replace the (?)

3000, 1500, 500, 125, (?)

(A) 100

(B) 50

(C) 25

(D) 20

(57) 'A' is the sister of 'B'. 'C' is the mother of 'B'. 'D' is the father of 'C'. Then D is the _____ of

(A) Maternal Uncle (Mama)

(B) Father

(C) Maternal Uncle (Maasa)

(D) Maternal Grandfather

(58) _____ among the following cannot be framed by using the letter of word

“INDEPENDENCE”

(A) NICE

(B) PINE

(C) PENDING

(D) INDEED

(59) Kavya begins to walk to the south from point A. She turns left after walking 30 metres. Then she walks 40 metres straight and reaches the point 'B'. Now find the distance between 'A' and 'B'.

(A) 50 metres

(B) 35 metres

(C) 70 metres

(D) 120 metres

(60) If $B=2$, $BAG = 10$ then find the value of BOX .

(A) 11

(B) 12

(C) 41

(D) 42

(61) Find the correct odd one from the following.

(A) DEGJ

(B) MNPS

(C) PQTX

(D) TUWZ

(62) Five friends are sitting in a line, A is sitting right to B, but not sitting the first. C is sitting left to D. If B is sitting right to E then who is exactly in the middle?

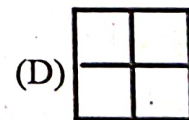
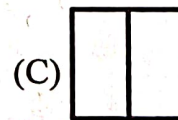
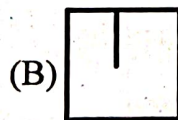
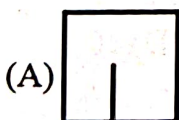
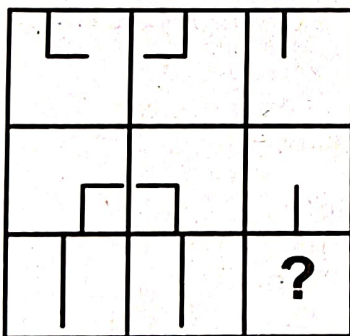
(A) A

(B) B

(C) D

(D) E

(63) Figure is given. _____ among the option correctly replaces (?).



(64) 34, 18, 10, 6, 4, _____.

(A) 0

(B) 1

(C) 2

(D) 3

(65) If DOG is coded as '4157' Then LION will be _____.

(A) 1271514

(B) 1291514

(C) 1291312

(D) 1181514

(66) There are total 65 students in a line. A stands 36th from the left, B stands 36th from the right then _____ students must be standing between both A and B.

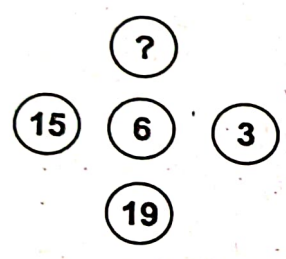
(A) 9

(B) 13

(C) 15

(D) 11

(67) _____ will replace the (?)



(A) 91

(B) 610

(C) 691

(D) 587

(68) Thermometer : Temperature :: Earthquake : _____.

(A) Scale

(B) Seismograph

(C) Anemometer

(D) Odometer

(69) The angle formed by the minute and hour hands at 4:00 pm is _____.

(A) 120°

(B) 100°

(C) 80°

(D) 60°

(70) _____ among the following will stay first if arranged in alphabetical order.

(A) Overbid

(B) Outstanding

(C) Oval

(D) Outstep

(71) કયા વાક્યમાં અવ્યયનો ઉપયોગ થતો નથી ?

(A) તે પાસ ઘયો કેમ કે તેણે ખૂબ મહેનત કરેલી.

(C) એ પ્રાણઘાતક અકસ્માતથી તે મરી જાત.

(B) શાબાશ છે એ બહાદૂર જુવાનને !

(D) એ ચોરની પેઠે ઘરમાં ઘૂસ્યો.

(72) કયું વાક્ય કર્મણિ પ્રયોગમાં નથી ?

(A) તને વિમાન દેખાય છે ?

(C) મને વાત સમજાય છે.

(B) મેં શીષસિન કર્યું.

(D) મારે આસને બેસવું છે.

(73) A સાથે Bનાં સાચાં જોડકાં દર્શાવતો વિકલ્પ કયો છે ?

A

B

(a) લખવાનું આપોને

(b) માગ્યા મેહ વરસે નહીં

(c) લખી લખીને થાક્યો

(d) વાંચવા આવજો

(i) ભવિષ્યકૃદંત

(ii) સંબંધક ભૂ.કૃ.

(iii) હેત્વર્થ

(iv) ભૂતકૃદંત

(A) (a) i, (d) ii, (b) iii, (c) iv

(C) (c) i, (b) ii, (d) iii, (a) iv

(B) (b) i, (c) ii, (d) iii, (a) iv

(D) (a) i, (c) ii, (d) iii, (b) iv

(74) કયા જોડકામાંના શબ્દો એક પ્રકારનો જ સમાસ દર્શાવે છે ?

(A) તપોધન, પાઠવેતર

(C) કલ્પલતા, શ્રીયુત

(B) ઘનશ્યામ, કાપુરુષ

(D) શેષશાયી, સ્વચ્છંદ

(75) એ શબ્દ શોધો કે જેનો અર્થ અન્ય કરતાં ભિન્ન છે.

(A) પુંડરિક

(B) પર્યક

(C) રાજીવ

(D) શતદલ

(76) સાચી જોડણી પસંદ કરો.

(A) હિમસૂતા

(C) હીમસૂતા

(B) હીમસુતા

(D) હિમસુતા

(77) એ, થી, થકી, વડે વગેરે પ્રત્યયો કઈ વિભક્તિમાં આવે છે ?

(A) સંપ્રદાન

(C) સંબંધ

(B) અપાદાન

(D) કરણ

(78) પોતાની વાતને કે વિષયને સ્પષ્ટ કરવાનો પ્રયત્ન કરતા ગદ્યને કયા પ્રકારનું ગદ્ય કહેવામાં આવે છે ?

(A) વાદાત્મક

(C) વર્ણનાત્મક

(B) વિવરણાત્મક

(D) ભાવાત્મક

- (79) તમતમારે, જુદાજુદા, દૂરદૂરથી વગેરે કયા પ્રકારના શબ્દો છે ?
 (A) નામયોગી શબ્દો (B) સંયુક્ત શબ્દો
 (C) સામાસિક શબ્દો (D) દ્વિરુક્તિવાળા શબ્દો
- (80) નીચેનામાંથી પરિમાણવાચક વિશેષણ જણાવો.
 (A) આટલું (B) આવું
 (C) કડવું (D) પહેલું
- (81) નીચેનામાંથી કયા વિકલ્પમાં તમામ શબ્દોની જોડણી વ્યાકરણની દૃષ્ટિએ સંપૂર્ણ સાચી છે ?
 (A) શારીરિક, આશીર્વાદ, જિજ્ઞવિષા, સુશ્રુષા
 (B) શારીરિક, આશીર્વાદ, જિજ્ઞવિષા, શુશ્રુષા
 (C) શારિરીક, આશિર્વાદ, જિજ્ઞવિષા, શુશ્રુષા
 (D) શારીરીક, આશિર્વાદ, જિજ્ઞવીષા, શુશ્રુષા
- (82) નીચેનામાંથી કયો શબ્દ 'અશ્વ'નો પર્યાયવાચી શબ્દ નથી ?
 (A) હાય (B) વાજ
 (C) તોખાર (D) કુંજર
- (83) વાક્યશુદ્ધિના નિયમ અનુસાર નીચેનામાંથી વ્યાકરણની દૃષ્ટિએ શુદ્ધ વાક્ય પસંદ કરો.
 (A) મેં આજે એક ગાય અને એક બળદને આવતી જોઈ.
 (B) મેં આજે એક ગાય અને એક બળદ આવતાં જોયાં.
 (C) મેં આજે એક ગાય અને એક બળદ આવતા જોયો.
 (D) મેં આજે એક ગાય અને બળદને આવતી જોઈ.
- (84) નીચેના વાક્યમાં વ્યાકરણીય રીતે કયો શબ્દપ્રયોગ ખોટો છે ? "તેણે મને સહૃદયતાપૂર્વક આવકાર આપ્યો."
 (A) તેણે
 (B) સહૃદયતાપૂર્વક
 (C) આવકાર
 (D) આપ્યો
- (85) લેખનકાર્ય કરતી વખતે વાક્યના અંતે કે વચ્ચે કોઈ વિગત લખવાની બાકી રહી ગઈ હોય, ત્યારે તેને ઉમેરવા માટે કયા ચિહ્નનો ઉપયોગ થાય છે ?
 (A) લોપચિહ્ન (') (B) કાકપદ / હંસપદ (^)
 (C) લઘુરેખા (-) (D) ફુદડી (*)

(86) Pair the words with their antonyms.

Words	Antonyms
(a) lazy	(i) diligent
(b) active	(ii) blunt
(c) sharp	(iii) inert
(d) fertile	(iv) barren
(A) (c) i, (d) ii, (a) iii, (b) iv	(B) (a) ii, (c) iii, (b) i, (d) iv
(C) (c) ii, (d) i, (b) iii, (a) iv	(D) (a) i, (d) iii, (c) ii, (b) iv

(87) Which word has no suffix.

- | | |
|-------------|--------------|
| (A) Health | (B) Library |
| (C) Embrace | (D) Marriage |

(88) Find out the odd pair.

- | | |
|--------------------|-----------------|
| (A) proud - pride | (B) bond - bind |
| (C) grieve - grief | (D) lose - loss |

(89) Arrange these sentences in proper order to describe an accident-scene.

- (i) Passengers were told to be ready to quit the ship.
- (ii) Everyone knew there was fire on board.
- (iii) Smoke oozed up between the planks.
- (iv) Flames broke out here and there.
- (v) Most people bore the shock bravely.

- | | |
|-----------------------|-----------------------|
| (A) iii, ii, v, iv, i | (B) i, ii, iv, iii, v |
| (C) iv, iii, ii, v, i | (D) iii, iv, ii, i, v |

(90) Select the sentence with almost similar meaning to the sentence "At the moment the duck looked exhausted."

- | | |
|---------------------------------|--|
| (A) The duck looked dreadful | (B) The duck was looking for a place to hide |
| (C) The duck looked very tired. | (D) The duck seemed unhappy. |

(91) Put proper preposition in the blank. He was looking his lost keys.

- | | |
|-----------|----------|
| (A) at | (B) for |
| (C) after | (D) into |

- (92) he finds a job, his family will starve. Fill in the blank with proper word. (D) However
 (A) It (B) Unless (C) As
- (93) The harder you work, the result you will get.
 (A) good (B) best
 (C) better (D) lower
- (94) Select the similar word for Inventory.
 (A) Summary (B) Schedule
 (C) Index (D) Questionnaire
- (95) All the crows are black. We find a white crow, put proper adverb to complete the sentence.
 (A) frequently (B) usually
 (C) rarely (D) always
- (96) Which expression best conveys the idea ?
 (A) During the curfew, the streets wearing desolate look.
 (B) During the curfew, the streets wore a desolate look.
 (C) During the curfew, the streets have had worn desolate looks
 (D) During the curfew, the streets has been wearing desolation looks
- (97) What is the correct noun form of the verb 'compel' ?
 (A) Compelation (B) Compulsion
 (C) Compulsory (D) Compellment
- (98) Fill in the blank with the correct preposition : "The committee is totally opposed the proposal."
 (A) for (B) against
 (C) to (D) with
- (99) Fill in the blanks with appropriate articles : "He is heir to the throne and honest man."
 (A) a, a (B) an, a (C) an, an (D) the, a
- (100) Identify the correct verb according to subject-verb Agreement : "Neither the principal nor the teacher present at the meeting yesterday."
 (A) was (B) were (C) are (D) is

(101) A computer that can handle multiple elements such as text, graphics, audio, video, and animation is known as which of the following?

(A) Digital computer

(B) Logic computer

(C) Supercomputer

(D) Multimedia computer

(102) Which of the following is NOT one of the recording options listed in the 'Record as' drop-down list of the Ubuntu Sound Recorder application?

(A) CD quality, Lossless

(B) CD quality, Lossy

(C) Voice

(D) High Definition

(103) What is the informal term used to describe the combination of education with entertainment, specifically through multimedia application?

(A) Infotainment

(B) Edutainment

(C) Edumedia

(D) Technotainment

(104) During which stage of multimedia production does the developer find out about the target audience, their skills, needs, and qualifications?

(A) Scripting

(B) Collection of elements

(C) Research and Analysis

(D) Storyboarding

(105) Besides Linux and Windows, on which other operating system is Synfig Studio available according to the GSEB Std-11 textbook?

(A) Android

(B) MacOS X

(C) iOS

(D) ChromeOS

(106) What was the specific version number of the very first release of Synfig Studio?

(A) 0.63.05

(B) 0.50.01

(C) 0.61.05

(D) 0.10.01

(107) While using the BLine tool to create objects, what specific mouse action is required to stop the drawing of the object?

(A) Double-click the canvas

(B) Press the Esc key

(C) Right click on the last point

(D) Click the first point created

- (108) What is the default "End time" setting in the Time tab of the Canvas properties dialog box?
(A) 2s (B) 3s (C) 5s (D) 10s
- (109) Where is the confirmation message "file rendered successfully" displayed after the rendering process is complete?
(A) In the middle of the Canvas (B) In the Keyframe panel
(C) On the window status bar at the bottom (D) In the Layers panel
- (110) To list all available shells in a Ubuntu Linux system, which specific file should be displayed using the command?
(A) /etc/bash (B) /bin/shells (C) /etc/shells (D) /usr/bin/shells
- (111) When using the command line calculator (bc), which switch is required to include the standard library for advanced functions?
(A) -m (B) -s (C) -I (D) -math
- (112) What is the standard character limit for a file name or directory name in most modern Linux systems?
(A) 8 characters (B) 128 characters
(C) 255 characters (D) 1024 characters
- (113) Which option should be used with the ls command to list the files currently residing in the user's home directory, regardless of the current working path?
(A) ls ~ (B) ls / (C) ls .. (D) ls -h
- (114) When assigning file permissions numerically, what does the octal value '6' represent for a specific category?
(A) Read and Execute (B) Read and Write
(C) Write and Execute (D) Read, Write and Execute
- (115) In a long listing (ls -l), which character in the first column indicates that the object is a "process"?
(A) - (B) d (C) p (D) s

- (116) In the find command, which option allows an administrator to specifically search for files that have a size of exactly zero bytes and delete them simultaneously?
- (A) find -empty -rm
(B) find -size 0 -rm
(C) find -size 0 -delete
(D) find -type f -clear
- (117) If you execute the command `cat report.txt notes.txt > final.txt`, that will be the internal structure of final.txt?
- (A) The contents of notes.txt followed by report.txt.
(B) The contents of report.txt followed by notes.txt.
(C) Only the contents of report.txt; notes.txt is ignored.
(D) Both files are merged alphabetically by their internal text.
- (118) You wish to copy a file named report into an existing folder named archives, but you want the copy to be renamed old_report. Which command should you use 6.5?
- (A) cp report archives
(B) cp report archives/old_report
(C) mv report archives/old_report
(D) cp -r report old_report
- (119) Consider the command `cp chap01 progs/unit1`. According to the documentation, what is a necessary condition for unit1 to become a file containing the contents of chap01?
- (A) A directory named unit1 must already exist inside the progs directory.
(B) No directory named unit1 should exist in the progs directory.
(C) The -r option must be included to allow renaming during a copy.
(D) The progs directory must be empty before the command is run.
- (120) Which of the following is defined as a collection of related data items stored in an organized manner?
- (A) Attribute (B) Entity (C) Database (D) Spreadsheet
- (121) For which alphanumeric data type does the number of bytes allocated depend specifically on the actual number of characters entered by the user?
- (A) Text (fix) [CHAR] (B) Text [VarChar]
(C) Memo [LongVarChar] (D) Binary (fix) [Binary]

- (122) Which of the eight steps in the Query Wizard is the only that is compulsory?
- (A) Sorting order (B) Search conditions
(C) Aliases (D) Field selection
- (123) What is the primary purpose of the "Aliases" step in the Query Wizard?
- (A) To change the data type of the field
(B) To group records together
(C) To display field names in a human-readable form
(D) To hide fields from the final output
- (124) In a Parameter Query, what symbol must immediately precede the parameter name in the Criteria cell to prompt the user for input at runtime?
- (A) Semicolon (;) (B) Question mark (?) (C) Asterisk (*) (D) Colon (:)
- (125) Which of the following is an example of text formatting?
- (A) Font size (B) Animation (C) Video (D) Recording
- (126) Which of the following is an image file format?
- (A) .mp3 (B) .avi (C) .png (D) .wav
- (127) What is the main working area for drawing in Synfig Studio called?
- (A) Toolbox (B) Canvas (C) Panel (D) Palette
- (128) Which path is used to open Synfig?
- (A) Applications -> Graphics->Synfig Studio
(B) Applications -> Office -> Writer
(C) Applications -> Internet -> Browser
(D) Applications -> Programming -> Python
- (129) Which component is useful for controlling time in Synfig animation?
- (A) Toolbar (B) Timetrack (C) Palette (D) Canvas

- (130) Which command line console called in Linux?
(A) Editor (B) Terminal (C) Compiler (D) Browser
- (131) Which of the following is not a type of Shell?
(A) Bourne Shell (B) KornShell (C) C Shell (D) Java Shell
- (132) What is the full form of DBMS?
(A) Data Backup Management System
(B) Digital Base Management System
(C) Data Binary Management System
(D) Database Management System
- (133) What is a Field in table?
(A) Row (B) Column (C) Database (D) Query
- (134) What is the purpose of a Foreign Key?
(A) To delete tables
(B) To edit data
(C) To search for records
(D) To create a relationship between two tables
- (135) What is the main purpose of Referential Integrity?
(A) To arrange data
(B) To print data
(C) To maintain data accuracy and consistency
(D) To hide data
- (136) Which is the easiest method to create a query?
(A) SQL View (B) Design View (C) Query Wizard (D) Table View

- (137) What is the first step in Form Wizard?
- (A) Select Layout (B) Give a Form name
(C) Select Fields (D) Select Data Mode
- (138) What is the main objective of Mobile Computing?
- (A) To operate only desktop computers (B) To use data and information without wires
(C) Only offline computing (D) Only software development
- (139) Which option is used to arrange records in a query?
- (A) Sorting (B) Filtering (C) Grouping (D) Joining
- (140) What is the main use of 3G technology?
- (A) Only voice calls
(B) Only SMS
(C) High-speed mobile data and video calling
(D) Only email
- (141) In KompoZer's normal view, what visual indicator is used to show the boundaries of a form on a canvas?
- (A) A solid black line (B) A dotted blue box
(C) A light gray shaded area (D) A red dashed border
- (142) Which menu path is used if a user wishes to apply a specific background color to a form they are designing?
- (A) Insert -> Background Color (B) Tools -> Page Setting
(C) Format -> Page Colors and Background (D) Edit -> Form Properties
- (143) In JavaScript, how are statements grouped together into a "block" for execution?
- (A) Within square brackets [] (B) Using indentation levels
(C) Inside curly brackets { } (D) Using the <block> tag

- (144) According to the event description table, what occurs when the "blur" event is triggered?
- (A) The user clicks on a form element
 - (B) A form element such as a radio button becomes inactive
 - (C) An error occurs during the loading of a document
 - (D) The page is reloaded by the user
- 145) What is the primary advantage of keeping a document's style separate from its information content?
- (A) It reduces the number of images on the page
 - (B) It allows the browser to ignore CSS errors
 - (C) It allows modifying the layout without changing the content
 - (D) It automatically validates the user's input
- 146) While configuring JavaScript Event in KompoZer's Advance Property Editor, which specific "Attribute" must be selected to trigger return validateForm()?
- (A) onclick
 - (B) onsubmit
 - (C) onload
 - (D) onreset
- 147) According to the JavaScript event definitions, which event is triggered specifically when the "Loading of image is cancelled"?
- (A) abort
 - (B) error
 - (C) load
 - (D) mouseout
- 48) What are the freely available website designs that can be downloaded and customized to create a website called?
- (A) Blueprints
 - (B) Templates
 - (C) Wireframes
 - (D) Prototypes
- 49) What is the intended function of "alternate text" when inserting an image into a web page?
- (A) It changes the resolution of the image
 - (B) It adds a colorful border around the image.
 - (C) It displays text in case the image cannot be displayed in the browser
 - (D) It converts the image into a clickable link

- (150) To ensure an image fills an entire table cell in KompoZer, what specific setting should be selected in the Dimensions tab of the Image Properties dialog box?
- (A) Selecting 'Actual Size' with a fixed pixel width
 - (B) Selecting 'Constrain' with a 50% ratio
 - (C) Selecting 'Custom Size' and specifying height and width as 100% of cell
 - (D) Choosing 'Auto Size' under the Appearance tab
- (151) In the context of online auctions, what is the primary advantage mentioned for the bidder?
- (A) Getting the highest possible price for a product
 - (B) Saving time to get the product of their choice
 - (C) Creating their own payment gateway
 - (D) Eliminating the need for a time limit
- (152) What specific information is sent to a user once a railway ticket is successfully booked on the IRCT website?
- (A) A physical copy via registered post
 - (B) An E-copy of the ticket via mail and SMS on the mobile
 - (C) A phone call from the station master
 - (D) Only a confirmation number displayed on the screen
- (153) Based on the description of E-commerce in India, how has the internet impacted rural areas?
- (A) It has decreased the variety of goods available.
 - (B) It has primarily benefited high-end designer apparel sales only.
 - (C) It has changed lifestyle and consumption mindsets.
 - (D) It has made online buying less attractive due to security.

- (154) In an online auction scenario, a user is defined as a "bidder" specifically when they are doing what?
- (A) Placing their own product for auction
 - (B) Bidding for a product placed by another seller on the site
 - (C) Registering their credit card for the first time
 - (D) Viewing the history of complete auctions
- (155) For users who have not yet created a login during the Flipkart checkout process, at which stage are they asked to create one?
- (A) Immediately upon entering the website
 - (B) After selecting the first item for the cart
 - (C) After pressing the "Place Order" button
 - (D) Only after the payment is successfully processed
- (156) Which of the following is NOT specifically listed as a wireless device used for M-Commerce?
- (A) Smartphone
 - (B) Personal Digital Assistant (PDA)
 - (C) Desktop Personal Computer
 - (D) Palmtop
- (157) When determining a location through triangulation, a mobile device utilizes how many satellites to create an intersecting point?
- (A) Two
 - (B) Three
 - (C) Five
 - (D) Twenty-four
- (158) What is the primary reason provided for why RuPay cards reduce the cost of each transaction clearing and settlement compared to Visa or Mastercard?
- (A) They use lower-quality plastic
 - (B) They do not require a PIN
 - (C) Transaction processing is done domestically within India.
 - (D) They are only available for government employees.
- (159) Unlike procedural programming, how does object-oriented programming view the core elements of data and functions?
- (A) As two separate entities
 - (B) As independent modules
 - (C) As global variables
 - (D) As a single entity

- (160) In the context of inheritance, which term is used as another name for the "is-a" relationship between classes?
- (A) Aggregation (B) Encapsulation (C) Generalization (D) Composition
- (161) Which input type is used to create a text box in an HTML form?
- (A) Radio (B) Checkbox (C) Text (D) Password
- (162) Which input type is used to submit a form?
- (A) Submit (B) Reset (C) Text (D) Radio
- (163) What is the basic syntax of a CSS rule?
- (A) selector {property:value;} (B) property {selector:value;}
 (C) selector:value;property (D) value {selector:property;}
- (164) What is the first important step in the process of creating website?
- (A) Publishing (B) Planning (C) Designing (D) Uploading
- (165) What is the process of making a website available on the internet called?
- (A) Hosting (B) Publishing (C) Browsing (D) Designing
- (166) What is meant by "Online Auctions"?
- (A) Online education (B) Online bidding process
 (C) Online banking (D) Online games
- (167) What is the full form of M-commerce?
- (A) Mobile Communication (B) Mobile Commerce
 (C) Modern Commerce (D) Machine Commerce
- (168) Which method is used to provide security in E-commerce and M-commerce?
- (A) Encryption (B) Compilation (C) Compression (D) Animation
- (169) What is the full form of UML?
- (A) Universal Machine Language (B) Unified Modeling Language
 (C) Unique Modeling Language (D) Universal Module Language

- (170) Which compiler is used to compile a Java program?
(A) Java (B) Javac (C) jvm (D) jdk
- (171) Which interpreter is used to run Java bytecode?
(A) JVM (B) JDK (C) JRE (D) Editor
- (172) What is an object?
(A) An instance of a class (B) A type of method
(C) A data type (D) A program
- (173) Which of the following is a visibility modifier?
(A) public (B) static (C) final (D) class
- (174) Which is the correct syntax to declare a 1-D Array?
(A) `int marks;` (B) `int marks[];` (C) `array int marks;` (D) `marks int[];`
- (175) The Date class belongs to which package?
(A) `jav(a) io` (B) `jav(a) lang` (C) `jav(a) util` (D) `jav(a) sql`
- (176) What does a Class represent?
(A) Data file (B) Blueprint for objects
(C) Compiler (D) Database
- (177) What is the commonly used name for the main page of a website?
(A) `home.html` (B) `index.html` (C) `start.html` (D) `main.html`
- (178) Which component of a website includes images, videos, and audio?
(A) Media (B) Content (C) Hyperlink (D) Navigation
- (179) What is the main purpose of Data Abstraction?
(A) Show all data (B) Show only necessary information
(C) Delete data (D) Stop program

- (180) What is the main purpose of a constructor?
 (A) To create an object
 (B) To delete a variable
 (C) To compile a program
 (D) To delete a class
- (181) Which teaching method is most effective to explain the components of multimedia?
 (A) Lecture method
 (B) Demonstration method
 (C) Dictation method
 (D) Reading method
- (182) Which teaching method is appropriate to explain the stages of multimedia production?
 (A) Discussion method
 (B) Dictation method
 (C) Repetition method
 (D) Translation method
- (183) What should be the role of a teacher while teaching computer practical?
 (A) Only reading content
 (B) Providing guidance
 (C) Not allowing students to practice
 (D) Only dictating notes
- (184) What should a teacher do to increase student participation while teaching Linux commands?
 (A) Deliver a long lecture
 (B) Give practical exercises
 (C) Ask students to write notes only
 (D) Conduct tests
- (185) How should a teacher explain DBMS effectively?
 (A) By only reading from the book
 (B) By explaining with examples
 (C) By avoiding questions
 (D) By only writing notes
- (186) Which teaching approach is best for explaining field properties in a database?
 (A) Demonstration + Practice
 (B) Lecture only
 (C) Reading only
 (D) Dictation
- (187) If a teacher wants to explain Query Wizard effectively, which teaching method is most appropriate?
 (A) Lecture Method
 (B) Demonstration Method
 (C) Discussion Method
 (D) Story Method

- (188) Which method encourages active participation of students while teaching Forms and Reports in computer studies?
- (A) Lecture Method
(B) Activity-Based Method
(C) Dictation Method
(D) Reading Method
- (189) If students are asked to collect information about "Cloud Computing" and present it in groups, which teaching method is used?
- (A) Project method
(B) Question-answer method
(C) Lecture method
(D) Essay method
- (190) Showing animations or videos to explain how GPS works is an example of which teaching method?
- (A) Lecture method
(B) Audio-Visual method
(C) Project method
(D) Question-answer method
- (191) While teaching KompoZer, what should teacher do?
- (A) Explain only theory
(B) Give practical work to students
(C) Ask students to read the book
(D) Give written notes only
- (192) Which teaching method is most suitable for teaching CSS?
- (A) Demonstration Method
(B) Lecture Method
(C) Conversation Method
(D) Discussion Method
- (193) Which teaching aid should be used by a teacher to explain website publishing effectively?
- (A) Blackboard
(B) Projector and Computer
(C) Map
(D) Chart
- (194) Which educational tool is best for explaining Online Banking?
- (A) Video demonstration
(B) Chalk only
(C) Chart only
(D) Notebook

- (195) Which activity is most suitable to explain Mobile Shopping to students?
- (A) Live demonstration of a mobile application
 - (B) Only lecture
 - (C) Writing notes
 - (D) Conducting an exam
- (196) What is the most effective way to explain Class and Object?
- (A) Giving real life examples
 - (B) Writing only definitions
 - (C) Reading the lesson
 - (D) Avoiding questions
- (197) Which method is more suitable for teaching Java data types?
- (A) Lecture with examples
 - (B) Conversation method
 - (C) Learning through games
 - (D) Project based learning
- (198) Showing code examples while teaching Java programming is an example of which method?
- (A) Lecture method
 - (B) Demonstration method
 - (C) Project method
 - (D) Assignment method
- (199) Giving students programming exercises to write code is an example of which method?
- (A) Drill method
 - (B) Practical method
 - (C) Story method
 - (D) Dictation method
- (200) Which approach is most effective for teaching String methods?
- (A) Practical hands-on coding
 - (B) Lecture method
 - (C) Copying notes
 - (D) Giving complex definitions

