Sleepy Classes IAS
Awakening Toppers

EPFO APFC Previous Papers

with Answer Key

2023

PREFACE

Doston,

It gives us immense joy to share with you this question paper document along with the answer key for the UPSC EPFO APFC 2023 exam. We've prepared it with great care and affection, especially for all of you who are working hard to crack this exam.

By practicing actual questions from the examination, you'll get a clear understanding of the exam pattern, the level of difficulty, and the kind of questions you can expect. We truly hope this resource makes your preparation smoother, more confident, and enjoyable.

We wish you all the very best in your journey. May this document be a helpful companion and bring you one step closer to your dreams. Keep believing in yourself — you've got this!

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Warm regards,
Team Sleepy Classes IAS

Q1. The essay was badly researched and contained several platitudes and generalizations. (platitudes =?)

A. Incorrect statements
B. Imprecise comments
C. Often used and unoriginal ideas
D. Vague, subjective statements

Q2. The judgment of beauty is based on the human capacity for disinterested pleasure in the natural world. (disinterested =?)

A. Indifference
B. Free of all self-interest
C. Not caring for something
D. Extremely focused

Q3. The hundred year old college building was now in a derelict state. (derelict =?)

A. Preserved for historical value
B. Unsafe for occupation
C. Neglected and broken down
D. Retaining its original beauty

Q4. My serendipitous encounter with the man on the bus was to have a profound impact on my life. (serendipitous =?)

A. Fortunate
B. Of historical significance
C. Sudden and abrupt
D. A chance event

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Q5. Notwithstanding our victory today we must be careful to avoid a feeling of complacency. (complacency =?)

A. Smug and self-satisfied
B. A defensive attitude.
C. Pride
D. Feeling of superiority

Q6. Her poetry carries the power to suggest that which is too great and beautiful to be expressed in words.

A. the unknown
B. the proscribed
C. the intangible
D. the ineffable

Q7. The Government's policies were aimed at relieving the distress of the homeless, the unemployed and the poverty-stricken sections of society. (poverty-stricken =?)

A. needy
B. indigent
C. disadvantaged

D. challenged

Q8. The organizers refused to allow him to speak at the function since he was known to make speeches that tended to provoke and ignite passions.

A. irreverent speeches
B. incendiary speeches
C. unsubstantiated speeches
D. irrelevant speeches

Q9. She was criticized for her views that were often restricted to small local issues and ignored matters of national importance.

A. unilateral
B. illiberal
C. parochial
D. limited

Q10. When profits began dropping steeply all of a sudden he realized that he ought to wind up his business soon.

A. precipitously
B. instantaneously
C. cataclysmically
D. dramatically

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Q11. Jumbled sentence: before the judge / given that he was clearly innocent / was incomprehensible / his decision to plead guilty [P Q R S]

A. SQRP
B. QPSR
C. QSPR
D. SRQP

Q12. Jumbled sentence: when your stated principles / it is difficult / are at odds with your ground realities / to practise what you preach [P Q R S]

A. PRSQ
B. SPRQ
C. QPRS
D. QSPR

Q13. Jumbled sentence: people in dire need / it is a truth universally acknowledged that / for assistance / reach out to their friends and family [P Q R S]

A. QPSR
B. PSRQ
C. QRPS
D. RQPS

Q14. Jumbled sentence: his vengeful / by the expression on his face / and diabolical nature / were clearly revealed [P Q R S]

A. QSPR

B. QPRS
C. PSQR
D. PRSQ

Q15. Jumbled sentence: bitter fights / between the two rival teams / on more than one occasion / I have witnessed [P Q R S]

A. SRQP
B. RSPQ
C. QPRS
D. SQRP

Q16. What does 'agro-ecological region of the Eastern Ghats' mean in the passage?

A. Area marked by excessive agricultural yield
B. Area suitable for developing tourism
C. Area with pollution-free characteristics
D. Area meant for sustainable farming that works in tandem with nature

Q17. There has been a rapid decline in minor millet cultivation because

A. the millet crop requires special manures to grow
B. the land of Namakkal district is not suitable for growing millet
C. there has been shift towards growing more profitable crops
D. the land is declared as not climate-resilient for the production of millet

Q18. What does 'a tiny share of grain was processed into value-added products' mean in the passage?

A. Enough was not done for the marketing of millet as a diverse food product.
B. A small quantity of millet is used with other grains.
C. The demand for millet is not very encouraging.
D. Millet does not have potential health benefits.

Q19. 'The introduction of small-scale localized mechanical milling, operated by self-help groups, was a game-changer.' What does it mean?

A. Machinery for processing millets is not advanced enough.
B. Self-help groups are active in improving machinery for various crops.
C. The use of improvised local machines for removing husk from millets has been a turning point for millet farming.
D. The process of milling the millets is at a small scale.

Q20. Millet yield has increased because

A. sustainable farming practices are being followed
B. farmers are exporting millet
C. more labour is employed for farming
D. easy bank loans are available now

Q21. Which one of the following recommended that the public health expenditure should be increased to reach 2.5 percent of GDP by the year 2025?

A. The National Commission on Macro-economics and Health, 2005
B. The Parliamentary Standing Committee on Health, 2022
C. The Fifteenth Finance Commission
D. The Kasturirangan Committee

Q22. Kautilya in his Arthashastra describes the availability of varieties of pearls from the

A. Madura region hills
B. Shravanabelagola hills
C. Tamraparni river in the Pandyan Kingdom
D. Kaveri river in the Palakkad region

Q23. Which one of the following pairs of dynasty and king of the Vijayanagara Empire is not correctly matched?

A. Sangama Dynasty-Harihara II
B. Saluva Dynasty-Timma
C. Aravidu Dynasty-Tirumala
D. Tuluva Dynasty-Gunda

Q24. 'Vengi', the capital city of the Eastern Chalukyas, is identified with which one of the following places?

A. Pedavegi
B. Erumaiyur
C. Salihundam
D. Bhattiprolu

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Q25. Who among the following was the first elected king of the Pala Dynasty in Kamarupa?

A. Govindapala
B. Dharmapala
C. Brahmapala
D. Jayapala

Q26. Freedom fighter Agadhu Samantra (Orissa) left the British service to join the INA in 1942. Where was he deputed by INA as a Naik in the First Bahadur Group?

A. Andaman-Nicobar
B. Burma Front
C. Arunachal Pradesh
D. Assam

Q27. Match List-1 with List-II: A. Centre of Indian Trade Unions - B. Indian National Trade Union Congress - C. Bharatiya Sangh Mazdoor - D. All India Trade Union Congress 1. Indian National Congress 2. Bharatiya Janata Party 3. Communist Party of India 4. Communist Party of India (Marxist)

A. A-4, B-1, C-2, D-3
B. A-4, B-2, C-1, D-3
C. A-3, B-2, C-1, D-4
D. A-3, B-1, C-2, D-4

Q28. The provision for constituting an 'Expert Committee' finds place under which one among the following legislations?

A. The Child and Adolescent Labour (Prohibition and Regulation) Act, 1986
B. The Contract Labour (Regulation and Abolition) Act, 1970
C. The Building and Other Construction Workers (Regulation of Employment and Conditions of Service) Act, 1996
D. The Inter-State Migrant Workmen (Regulation of Employment and Conditions of Service) Act, 1979

Q29. Which one of the following is provided under the third schedule of the Factories Act, 1948?

A. List of Occupational Hazards
B. List of Occupational Diseases
C. List of Notifiable Diseases
D. List of Industries Involving Hazardous Processes

Q30. Under the provisions of the Mines Act, 1952, the special officer can enter a mine for the purpose of surveying, after giving prior notice to the manager at least how many days in advance?

A. Three days
B. Five days
C. Seven days
D. Fourteen days

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Q31. Under the provisions of the Payment of Wages Act, 1936, every employer of an establishment has to preserve registers and records for a period of

A. five years
B. seven years
C. two years
D. three years

Q32. There are seven hemispherical containers of radius R metres each fully filled with water. The water is transferred to a hemispherical container of radius 1.5R such that a maximum number of smaller containers get emptied out. How many smaller containers remain fully filled when the larger container gets fully filled?

A. 5
B. 4
C. 3
D. 2

Q33. What is the length of the radius of the circle that passes through the points (0, 0), (0, 3) and (2, 0)?

A. $2\sqrt{3}$
B. $2\sqrt{5}$
C. $(\sqrt{11})/2$
D. $(\sqrt{13})/2$

Q34. Suppose that x and y are distinct variables that take values from (1, 2, 3, 4, 5, 6). What is the probability that the value of the expression xy+x+y is even?

A. 1/2
B. 1/3
C. 1/4
D. 1/5

Q35. Suppose that a, b > 0. If the equation $x^2 + ax + b = 0$ has real roots, namely α and β, then which one of the following is correct?

A. α, β > 0
B. If α > 0, then β < 0
C. α, β < 0
D. -1 < α/β < 1

Q36. The ages of Mr. Kumar and his son are in the ratio 5:3. Fifteen years back this ratio was 2:1. What was the age (in years) of Mr. Kumar when his son was born?

A. 30
B. 35
C. 40
D. 45

Q37. In a business firm, assets of the business are valued on the basis of their intrinsic value rather than realizable value. This accounting is based on

A. money measurement concept
B. matching concept
C. going concern assumption
D. consistency principle

Q38. Trial balance of a firm as on 31-12-2022: Trade Receivables: 25,00,000; Provision for doubtful debts: 1,40,000; Bad debts: 40,000. Additional bad debts: 2,00,000. Policy: provision = 10% of trade receivables' balances. Total amount to be charged to Profit and Loss A/c?

A. Rs. 2,50,000
B. Rs. 1,30,000
C. Rs. 90,000
D. Rs. 3,30,000

Q39. Which of the following is not a major consideration in the selection and application of accounting policies?

A. Prudence
B. Consistency
C. Substance over form
D. Materiality

Q40. Inventory data: Jan 1 - 200 units @ Rs.7; Jan 8 - 1100 units @ Rs.8; Jan 25 - 300 units @ Rs.9; Jan 6 - Issued 100 units; Jan 9 - Issued 200 units. Value of inventory on January 31st under perpetual LIFO method?

A. Rs. 6,600
B. Rs. 8,600
C. Rs. 10,600
D. Rs. 12,000

Q41. Article 43 of the Constitution of India enjoins the State to endeavour through legislation or economic organization for payment of which of the following wages?

A. Living wage
B. Minimum wage
C. Fair wage
D. Need-based minimum wage

Q42. Container X has oil:water = 1:3. Container Y has oil:water = 2:3. If 2 litres from X and 5 litres from Y are mixed in container Z that initially contains 1 litre of pure oil, what is the percentage of oil in container Z?

A. 41.25
B. 42.75
C. 43.75
D. 44.25

Q43. A solid circular metallic disc of radius 12 inches and thickness 4 inches is melted and shaped into a solid disc of radius 16 inches. What is the thickness of the new disc in inches?

A. 2
B. 2.25
C. 2.50
D. 2.75

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Q44. [Based on company earnings table 2016-2020] How many of these companies' earnings increased by at least 20% in the year 2020 in comparison to the year 2016?

A. 1
B. 2
C. 3
D. 4

Q45. [Based on company earnings table 2016-2020] In 2020, the relative profit jump of which company was maximum over the previous year?

A. X
B. Y
C. Z
D. W

Q46. [Based on company earnings table 2016-2020] In 2017, the absolute profit jump of which company was minimum over the previous year?

A. X
B. Y
C. Z

D. W

Q47. The value of long-term investment in shares is subject to wide fluctuations. A provision created against fluctuation in value of investments is based on the convention of

A. conservatism
B. full disclosure
C. materiality
D. consistency

Q48. Which one of the following aspects is not covered in the audit?

A. Examination of the system of accounting and internal control
B. Preparation of books of accounts
C. Reporting to the appropriate person/body
D. Verification of the authenticity and validity of transactions

Q49. Which of the following sets the scope, timing and direction of the audit, and guides the development of the more detailed audit plan?

A. Audit program
B. Overall audit strategy
C. Completion memorandum
D. Audit plan

Q50. Goodwill Account is a/an

A. Personal Account
B. Real Account
C. Nominal Account
D. Expense Account

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Q51. The principle of subrogation in insurance allows

A. investment of policy amount
B. refund for insured and insured insurance company
C. auto-renewal of policy
D. indemnification of the insured

Q52. Which of the following expenditures are charged to the Consolidated Fund of India? 1. The debt charges for which the Government of India is liable. 2. The emoluments and allowances of the President. 3. The salaries, allowances and pensions payable to or in respect of Judges of the Supreme Court. 4. The salaries and allowances of the Chairman and the Deputy Chairman of the Rajya Sabha.

A. 1 and 2 only
B. 1, 2, 3 and 4
C. 2, 3 and 4 only
D. 3 and 4 only

Q53. Consider the following statements: 1. Population change in an area is an important indicator of economic development of that region. 2. Population change in an area is not an indicator of social upliftment of that region.

A. 1 only
B. 2 only
C. Both 1 and 2
D. Neither 1 nor 2

Q54. Which one among the following statements regarding 'human development' is not correct?

A. The basic concept of income approach to human development is that the level of income reflects the level of freedom an individual enjoys.
B. The basic needs approach to human development was initially proposed by the International Labour Organization (ILO).
C. The Human Poverty Index measures the shortfall in human development.
D. Under the welfare approach to human development, the government protects and promotes private entrepreneurs to maximize expenditure on welfare.

Q55. Which of the following statements about globalization is/are correct? 1. It has fuelled the spread of trans-border currencies, digital cash and global credit cards. 2. Securities markets have gained a global dimension with the development of electronic round-the-world trading.

A. 1 only
B. 2 only
C. Both 1 and 2
D. Neither 1 nor 2

Q56. As per FAOSTAT, which of the following is/are correct about India's milk production? 1. India ranked second in the world in milk production in the year 2021-22. 2. India contributed 24% of global milk production in the year 2021-22.

A. 1 only
B. 2 only
C. Both 1 and 2
D. Neither 1 nor 2

Q57. Which one of the following statements about the Group of Twenty (G20) is not correct?

A. It was founded in 1999.
B. The G20 summit is held annually under the leadership of a rotating Presidency.
C. The G20 members represent around 85% of the global GDP.
D. The G20 comprises twenty countries.

Q58. The Nobel Prize in Chemistry for the year 2022 was awarded for

A. CRISPR/Cas9 genetic scissors
B. click chemistry and biorthogonal chemistry
C. lithium-ion batteries
D. palaeogenomics

Q59. Which of the following statements about a 'unicorn' is/are correct? 1. In the venture capital industry, the term 'unicorn' refers to any startup that reaches a valuation of $10 billion. 2. Only a privately held startup can be a unicorn.

A. 1 only
B. 2 only
C. Both 1 and 2
D. Neither 1 nor 2

Q60. Which of the following statements about Santosh Trophy Tournament, 2023 is/are correct? 1. The final match was played in Riyadh. 2. The final match was played between Karnataka and Meghalaya.

A. 1 only
B. 2 only
C. Both 1 and 2
D. Neither 1 nor 2

Q61. Which of the following is not a capital expenditure?

A. Rs. 5,000 spent to remove a worn out part. This part needs to be replaced with a new engine.
B. Expenses on foreign tour for purchasing a new machine.
C. Freight and insurance of the machinery purchased.
D. Amount spent on repairing a second-hand machine before put to use.

Q62. Which one of the following is not a correct IP address?

A. 201.54.122.107
B. 102.45.221.710
C. 102.45.201.22
D. 250.234.123.124

Q63. In mesh topology, if we have six computers, how many links must be there?

A. 6
B. 12
C. 13
D. 15

Q64. The binary equivalent of the octal number 473 is

A. 100111011
B. 100111111
C. 110111011
D. 110001011

Q65. Which one among the following commands is used to check the error status of the hard disk drive?

A. CHKDK
B. CHECKDISK
C. CHKDSK

D. DSKCHK

Q66. Which one of the following registers contains the address of the next location in the memory to be accessed?

A. IR
B. MAR
C. MBR
D. DR

Q67. The effluents of which among the following industries are considered to be the main cause for lowering the pH value of river water?

A. Alcohol distillery industries
B. Plastic cup manufacturing industries
C. Soap and detergent industries
D. Lead battery manufacturing industries

Q68. Which one of the following is not a soap?

A. Sodium stearate
B. Sodium palmate
C. Sodium benzoate
D. Sodium oleate

Q69. The human eyeball is composed of three layers. The correct sequence of the layers from exterior to interior is

A. Sclera → Choroid → Retina
B. Cornea → Choroid → Retina
C. Cornea → Sclera → Choroid
D. Sclera → Cornea → Choroid

Q70. Consider the reaction: $2H_2(g) + O_2(g) \rightarrow 2H_2O(l)$. Which one of the following statements about the reaction is correct?

A. The oxidation state of hydrogen increases while that of oxygen decreases.
B. The oxidation state of hydrogen decreases while that of oxygen increases.
C. There is no change in the oxidation state of hydrogen as well as that of oxygen.
D. During the reaction, hydrogen is reduced while oxygen is oxidized.

Q71. The pillar-like structures which hang vertically downward from the aerial branches found in banyan tree are known as

A. tap roots
B. climbing roots
C. fibrous roots
D. prop roots

Q72. Which of the following was/were recommended by the Thungon Committee in respect to local governments in India? 1. Constitutional status 2. Three year term

A. 1 only

B. 2 only
C. Both 1 and 2
D. Neither 1 nor 2

Q73. 'eSanjeevani', a scheme of the Government of India, serves which one among the following objectives?

A. Creates a database of people affected by COVID-19
B. Promotes the use of telemedicine
C. Establishes an electronic National Clinical Registry
D. Efficient promotion of health advisories

Q74. Which of the following statements about recommendations of the 15th Finance Commission is/are correct? 1. Basic (untied) grants can be used by rural local bodies for location-specific felt needs under the 29 subjects in the Eleventh Schedule. 2. Tied grants can be used for basic services of sanitation and maintenance of ODF status. 3. It recommended 'Health Grants' to create diagnostic infrastructure in primary health care facilities.

A. 1 only
B. 2 and 3 only
C. 1 and 3 only
D. 1, 2 and 3

Q75. Which of the following statements about the functions of the State Finance Commission is/are correct? 1. It reviews the financial position of the local governments in the State. 2. It reviews the distribution of revenue between rural and urban local governments.

A. 1 only
B. 2 only
C. Both 1 and 2
D. Neither 1 nor 2

Q76. The CAMPA fund is regulated by which one of the following Ministries?

A. The Ministry of Home Affairs
B. The Ministry of Agriculture and Farmers Welfare
C. The Ministry of Environment, Forest and Climate Change
D. The Ministry of Defence

Q77. An employee draws monthly wage of Rs. 9,000, eligible for bonus under Payment of Bonus Act, 1965 for accounting year 2021-22. Bonus rate: 10%. Employee worked continuously for the whole year. What is the amount of bonus?

A. Rs 7,000
B. Rs 8,400
C. Rs 10,000
D. Rs 10,800

Q78. Which one of the following statements relating to conclusion of conciliation proceedings under the Industrial Disputes Act, 1947 is not correct?

A. It is concluded on the date when a memorandum of settlement is signed by the parties.
B. It is concluded on the date when it ends in failure resulting in no memorandum of settlement signed between the parties.
C. It is concluded on the date when the report of the Conciliation Officer is received by the Appropriate Government when no settlement is arrived.
D. It is concluded on the date when the reference is made by the Appropriate Government to the Labour Court/Industrial Tribunal under Section 10 of the Act during pendency of the conciliation proceedings

Q79. The provision for disability compensations for the person, who is declared unfit after medical examination and for whom no alternate employment is possible, finds place under which one of the following legislations?

A. The Building and Other Construction Workers (Regulation of Employment and Conditions of Service) Act, 1996
B. The Factories Act, 1948
C. The Mines Act, 1952
D. The Plantations Labour Act, 1951

Q80. Which one of the following Articles of the Constitution of India prohibits employment of children in factories or mines or any other hazardous employment?

A. Article 19
B. Article 21
C. Article 23
D. Article 24

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Q81. The insurance claim received on account of machinery damaged completely by fire is

A. capital receipt
B. revenue receipt
C. capital expenditure
D. revenue expenditure

Q82. According to the Accounting Standard-1, which of the following are the fundamental accounting assumptions?

A. Going Concern, Consistency, Accrual
B. Going Concern, Money Measurement, Conservatism
C. Going Concern, Consistency, Conservatism
D. Going Concern, Accounting Period, Accrual

Q83. Which of the following errors is not detected by trial balance?

A. A credit purchase of Rs. 1,000 from Mr. Singh is credited wrongly to the account of Mr. Akash
B. A credit purchase of Rs. 20,000 from Mr. Sandhu is recorded in the day book as Rs. 2,000
C. Conversion of a temporary shed into a permanent building is recorded as repairs maintenance expense
D. Error in posting from the book of subsidiary record to the ledger

Q84. Which one of the following statements is correct?

A. Capital reserves are normally created out of free or distributable profits.
B. Dividend equalization reserve is an example of general reserve.
C. General reserves can be used only for some specific purposes.
D. 'Provision' is a charge against profit.

Q85. Which one of the following is not an error of commission?

A. Overcasting of sales book
B. Credit sales to Ramesh Rs. 5,000 credited to his account
C. Wrong balancing of machinery account
D. Cash sales not recorded in cash book

Q86. Which of the following operators connects a structure variable and its element?

A. Dot operator
B. Plus operator
C. Minus operator
D. Multiply operator

Q87. Which of the following is not a top-down language?

A. C
B. FORTRAN
C. JAVA
D. Pascal

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Q88. Which one of the following attributes is required for internal linking in HTML?

A. Name
B. Align
C. Body
D. Link

Q89. Which one of the following types of operating systems is designed to respond to an event within a predetermined time?

A. Embedded
B. Real time
C. Multiuser
D. Synchronized

Q90. What is the decimal equivalent of the hexadecimal number 5A6D?

A. 23149
B. 23148
C. 23147
D. 13149

Q91. Two lenses of powers +2.0 D and -2.5 D are combined to make an optical instrument. The combination will

A. act as a convex lens
B. act as a concave lens

C. act as a simple mirror
D. not form any image

Q92. For an inelastic collision between two objects, which one among the following statements is correct?

A. The kinetic energy remains conserved, but not the momentum.
B. The momentum remains conserved, but not the kinetic energy.
C. Both the kinetic energy and the momentum remain conserved.
D. Neither the kinetic energy nor the momentum remains conserved.

Q93. A train starting from rest with a uniform acceleration attains a speed of 108 km/h in 5 minutes. The distance covered by the train in attaining the speed is

A. 9000 m
B. 4500 m
C. 355 m
D. 108 m

Q94. An object is placed in front of a concave mirror at infinity. Which one of the following is correct for its image?

A. A real and inverted image would be formed at the focal point.
B. A virtual and inverted image would be formed at the focal point.
C. A real and erect image would be formed at infinity.
D. A virtual and erect image would be formed at the focal point.

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Q95. The main cause of ocean acidification is

A. carbon dioxide
B. carbon monoxide
C. hydrogen sulfide
D. chlorofluorocarbon

Q96. Which of the following statements regarding the ordinance making power of the Governor is/are not correct? 1. It is a discretionary power and does not entail the advice of the Ministers. 2. The ordinance-making power of the Governor is confined to subjects in all the three Lists of Schedule VII. 3. With regard to repugnancy with a Union Law relating to the concurrent subjects, the Governor's ordinance will prevail if the ordinance had been made in pursuance of instructions of the President.

A. 1 and 2 only
B. 1, 2 and 3
C. 2 and 3 only
D. 3 only

Q97. Which of the following statements about curative petition is/are correct? 1. It can be entertained by the Supreme Court of India only. 2. It can be entertained by the Supreme Court of India and the High Courts. 3. Certification by a Senior Advocate is necessary to file a curative petition.

A. 1 only

B. 3 only
C. 2 and 3
D. 1 and 3

Q98. Consider the following statements: 1. The Department of Economic Affairs is a nodal agency of the Government of India to formulate and monitor the country's economic policies. 2. The principal responsibility of the Department of Economic Affairs is the preparation and presentation of the Union Budget before the Parliament.

A. 1 only
B. 2 only
C. Both 1 and 2
D. Neither 1 nor 2

Q99. Which of the following statements regarding the District Planning Committee and Metropolitan Planning Committee is/are correct? 1. In case of the District Planning Committee, at least 4/5th of the members shall be elected by the elected members of the district level Panchayat and of the Municipalities. 2. In case of the Metropolitan Planning Committee, at least 2/3rd of the members shall be elected by the elected members of the Municipalities and the Chairpersons of the Panchayats.

A. 1 only
B. 2 only
C. Both 1 and 2
D. Neither 1 nor 2

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Q100. Which of the following are the major objectives of setting up of BIRAC? 1. To foster innovation and entrepreneurship. 2. To promote affordable innovations in key social sectors. 3. To empower startups and small and medium enterprises. 4. To encourage young investigators for entrepreneurial and managerial development in SMEs in biotechnology.

A. 1, 2 and 3 only
B. 1 and 4 only
C. 2, 3 and 4 only
D. 1, 2, 3 and 4

Q101. Which one among the following observations pertaining to the works of Nineteenth-Twentieth Century archaeologists is not correct?

A. Alexander Cunningham, the first Director-General of the Archaeological Survey of India, was of the view that the history of India began with the origins of the Indus Valley Civilization.
B. John Marshall generally adopted the method of excavation along regular horizontal units and ignored the stratigraphy of the site.
C. R. E. M. Wheeler first recognized the necessity to follow the stratigraphy of the mound rather than dig along horizontal lines.
D. Amalananda Ghosh was the first to identify similarities between pre-Harappan and mature-Harappan cultures.

Q102. Which one of the following was an important contributing factor in the rise of Magadha as the most powerful Mahajanapada between the sixth and the fourth centuries BCE?

A. Easy access to rich gold mines
B. Superior cavalry
C. An agriculturally productive region
D. Republican system of governance

Q103. Which one among the following statements about the Kailasanatha temple at Ellora is not correct?

A. The temple was carved out of rocks in the eighth century CE.
B. The temple is dedicated to Lord Shiva.
C. The superstructure of the temple corresponds to the Nagara style.
D. The temple has both Shaiva and Vaishnava sculptures.

Q104. Which one of the following statements about ancient Indian pottery is correct?

A. Northern Black Polished Ware (NBPW) refers to a type of pottery found from archaeological sites in India dating back to 600 BCE.
B. Painted Grey Ware (PGW) refers to a type of pottery found over a large part of South India coinciding with the Sangam period.
C. Ochre Coloured Pottery (OCP) sites are located in South India only.
D. Black-and-Red Ware (BRW) is never found at Neolithic sites.

Q105. Which one of the following pairs is not correctly matched? A. Samarangana Sutradhara - A scientific work on ancient Indian architecture B. Harmika - A style of temple architecture that originated under the Chola Kings C. Vimana - A striking feature of the Dravidian style of temples D. Kutagarashala - A hut with a pointed roof where travelling mendicants halted

A. A only
B. B only
C. C only
D. D only

Q106. What is the time limit prescribed under the provisions of the Employees' Compensation Act, 1923 from the date of reference within which the Commissioner is required to dispose of the matter?

A. Six months
B. One year
C. Two months
D. Three months

Q107. What is the minimum number of employees employed by an establishment functioning without the aid of power and registered under the Cooperative Societies Act, 1912 that shall require it to come within the purview of the Employees' Provident Funds and Miscellaneous Provisions Act, 1952?

A. Fifty

B. One hundred
C. One hundred twenty
D. One hundred fifty

Q108. Any question relating to disablement shall be determined by which one of the following authorities under the Employees' State Insurance Act, 1948?

A. The Insurance Medical Practitioner
B. The Social Security Officer
C. The Medical Board
D. The Medical Appeal Tribunal

Q109. What is the amount of compensation to be paid to an employee who is totally and permanently disabled as a result from injury? (Monthly wages: Rs. 22,500; Relevant factor: 159.80)

A. Rs. 14,38,200
B. Rs. 23,97,000
C. Rs. 21,57,300
D. Rs. 7,67,040

Q110. What is the minimum number of employees required to be working in an establishment, so that the employer may apply to the Central Government to create a separate provident fund account under the EPF Act, 1952?

A. One hundred
B. Three hundred
C. Five hundred
D. One thousand

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Q111. Following are Central Federations of Trade Unions formed in India: 1. INTUC 2. AITUC 3. SEWA 4. UTUC 5. CITU 6. BMS Which is the correct sequence of their formation from the earliest to the latest?

A. 2, 1, 4, 6, 5, 3
B. 2, 1, 3, 4, 6, 5
C. 1, 2, 5, 4, 3, 6
D. 1, 3, 2, 4, 5, 6

Q112. Which one of the following core conventions adopted by the ILO has not been ratified by India?

A. The Forced Labour Convention (No. 29)
B. The Equal Remuneration Convention (No. 100)
C. The Freedom of Association and Protection of the Right to Organize Convention (No. 87)
D. The Discrimination (Employment and Occupation) Convention (No. 111)

Q113. Five trade unions A, B, C, D and E functioning in an establishment currently employing 1100 workmen. Membership: A:100, B:370, C:110, D:275, E:80. Based on the strength of membership, which unions can be registered under the Trade Unions Act, 1926?

A. All the unions

B. Unions A, B, C and D only
C. Unions B, C and D only
D. Unions B and D only

Q114. Registration of trade unions of workers under the Trade Unions Act, 1926 is

A. optional
B. compulsory
C. optional for workers working in non-public utility services
D. compulsory for workers working in public utility services

Q115. The right of workers to resort to strike is the

A. Fundamental Right
B. Statutory Right
C. Common Law Right
D. Equitable Right

Q116. PQ and RS are chords on a circle centred at O. A is the point of intersection of PQ and RS. Which of the following statements is/are correct? 1. If A and O coincide, then the four parts of the circle produced by the chords shall always have equal areas. 2. If A and O do not coincide, then two of the four parts of the circle produced by the chords shall always have equal areas.

A. 1 only
B. 2 only
C. Both 1 and 2
D. Neither 1 nor 2

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Q117. P, Q, R, S and T are five friends. The mean of weights of P, Q, R and S is 50 kg, whereas the mean of weights of Q, R, S and T is also 50 kg. Which of the following statements is/are correct? 1. The weight of T is 50 kg. 2. The weights of P and T are equal.

A. 1 only
B. 2 only
C. Both 1 and 2
D. Neither 1 nor 2

Q118. P, Q, R, S, T, U, V and W are sitting in a row facing North. P and S are neighbours; W is a neighbour of both Q and U; T is a neighbour of R and V. If there are four people between P and V, how many people are there between P and R?

A. 1
B. 3
C. 5
D. 6

Q119. The angles of elevation of the top of a tower from the top and bottom of a 10 metres tall building are 30° and 45° respectively. Approximately what is the height of the tower in metres from the top of the building? (given that $\sqrt{3} = 1.73$)

A. 10.65

B. 13.41
C. 13.65
D. 15.41

Q120. A multiple-choice question paper has 50 questions. Each question has four options A, B, C and D. Each correct answer carries 4 marks and each wrong answer carries -1 mark. A candidate ticks in the pattern A, B, C, D, A, B, C, D... starting from Q1, till the end. If option (C) is the correct answer in each question, what is the total score?

A. 6
B. 8
C. 10
D. 12

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ANSWER KEY – UPSC EPFO APFC 2023

Question	Answer	Question	Answer	Question	Answer	Question	Answer
1	C	31	D	61	A	91	A
2	B	32	A	62	B	92	B
3	C	33	D	63	D	93	B
4	A	34	D	64	A	94	B
5	A	35	C	65	C	95	A
6	D	36	A	66	B	96	A
7	B	37	A	67	D	97	A
8	B	38	D	68	C	98	C
9	C	39	B	69	A	99	C
10	D	40	C	70	A	100	A
11	C	41	A	71	D	101	A
12	D	42	C	72	A	102	C
13	A	43	B	73	A	103	C
14	D	44	C	74	D	104	A
15	B	45	B	75	C	105	B
16	D	46	B	76	C	106	D
17	C	47	A	77	B	107	A
18	A	48	B	78	B	108	C
19	C	49	B	79	B	109	C
20	A	50	B	80	D	110	A
21	C	51	D	81	D	111	A
22	C	52	B	82	A	112	C
23	D	53	A	83	A	113	A
24	A	54	D	84	D	114	A
25	C	55	C	85	D	115	B
26	B	56	B	86	A	116	D
27	A	57	D	87	B	117	B
28	C	58	B	88	A	118	D
29	C	59	B	89	B	119	C
30	A	60	C	90	A	120	C

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