Assam Judicial Service Grade III (Mains) 2012

Paper II · General Knowledge · compulsory paper

100 marks · 3 hours · 22 December 2012

PART A — Essays (answer any two)

1(i). Tourism in North-East.

1(ii). Man-animal conflict in Assam.

1(iii). Information Technology and its impact on the society.

PART B — Numerical ability

2(i). Govind is 3 years older than his wife Shyama and 4 times as old as his son Raghu. If Raghu becomes 15 years old after 3 years, what is the present age of Shyama? (a) 60 years (b) 51 years (c) 48 years (d) 45 years.

2(ii). Average age of ten persons learning yoga is 32 years. When the age of their instructor is added, the average age becomes 34 years. The age of their instructor is (a) 54 years (b) 52 years (c) 46 years (d) 56 years.

2(iii). Find 12% of 5000. (a) 620 (b) 600 (c) 680 (d) 720.

2(iv). 56 men can complete a piece of work in 24 days. In how many days can 42 men complete the same piece of work? (a) 18 (b) 32 (c) 98 (d) None of these.

2(v). Sujit incurred a loss of 45% on selling an article for Rs.3740. What was the cost price of the article? (a) Rs.5725 (b) Rs.5080 (c) Rs.6250 (d) Rs.6800.

2(vi). The average weight of 21 girls was recorded as 58 Kgs. If the teacher's weight was added, the average increased by 1 Kg. What was the teacher's weight? (a) 96 kgs (b) 80 kgs (c) 78 kgs (d) 62 kgs.

2(vii). Kartik sold an item for Rs.6500 and incurred a loss of 20%. At what price should he have sold the item to have gained the profit of 20%? (a) Rs.10375 (b) Rs.9750 (c) Rs.8125 (d) None of these.

2(viii). A truck covers a distance of 330 Kms at the speed of 30 Kms/hr. What is the average speed of a car which travels a distance of 110 Kms more than the truck in the same time? (a) 42 Kms/hr (b) 40 Kms/hr (c) 36 Kms/hr (d) None of these.

2(ix). Ravi got 101 marks in Hindi, 100 marks in Science, 96 marks in Social Studies, 108 marks in Mathematics and 78 marks in English. If the maximum marks of each subject are equal and if Ravi scored 84% marks in all the subjects together, what are the maximum marks of each subject? (a) 110 (b) 120 (c) 115 (d) 125.

2(x). $3/7 \times 9/14 \div 5/7$ = (a) 27/70 (b) 13/35 (c) 17/70 (d) 12/35.

PART C — Objective questions

3A(i). Krishna Poonia is a (a) Shooter (b) Discus thrower (c) Boxer (d) Weight lifter.

3A(ii). What word describes the time of the year when day and night are of equal length? (a) Solistice (b) Equinox (c) Equator (d) Equilateral.

3A(iii). Who won the 2012 Novel Prize for literature? (a) Serge Haroche (b) Shinya Yamanaka (c) Mo Yan (d) Alvin Roth.

3A(iv). Prof Mohammad Yunus is renowned in which of the following areas? (a) International Economics (b) Development Economics (c) Human Rights (d) Micro Finance Concept.

3A(v). The singer lyricist duo of the song "Kolaveri Di..." is (a) Dhanush : Anirudh (b) Anirudh : Dhanush (c) Dhanush : Javed Akhtar (d) Dhanush : Gulzar.

3A(vi). With which game will you associate "COPA America" — an international tournament involving 12 countries and previously known as South American Championship? (a) Tennis (b) Rugby (c) Football (d) Snooker.

3A(vii). Kandla Port is located in which State? (a) Orissa (b) Andhra Pradesh (c) Kerala (d) Gujarat.

3A(viii). Man Booker Prize is given for contribution in the field of (a) Literature (b) Social Service (c) Sports (d) Cinema.

3A(ix). The filament of electrical bulb is made of (a) Silver (b) Tungsten (c) Nickel (d) Cobalt.

3A(x). Which one of the following is not formed in our body? (a) Vitamin A (b) Protein (c) Enzyme (d) Hormone.

3A(xi). Plaster of Paris is obtained from (a) Limestone (b) Silica (c) Bauxite (d) Gypsum.

3A(xii). Spot the odd one out amongst the following: (a) BASIC (b) WINDOWS (c) DOS (d) UNIX.

3A(xiii). The major harmful gas emitted by automobile vehicles which causes air pollution is (a) Carbon monoxide (b) Methane (c) Carbon dioxide (d) Ozone gas.

3A(xiv). Prof Amartya Sen was awarded Nobel Prize for his contribution to the field of (a) Food and famines (b) Welfare economics (c) Indian economy (d) Poverty.

3A(xv). The "Arya Samaj" was founded by (a) Swami Dayananda Saraswati (b) Swami Vivekananda (c) Keshab Chandra Sen (d) Ishwar Chandra Vidyasagar.

3A(xvi). Files are organised by storing them in (a) Tables (b) Databases (c) Folders (d) Graphs.

3A(xvii). Which of the following is the smallest storage? (a) Megabyte (b) Gigabyte (c) Kilobyte (d) Nano Mbyte.

3A(xviii). Which of the following is called a "Cash Crop"? (a) Wheat (b) Paddy (c) Jowar (d) Sugarcane.

3A(xix). Who among the following is known as the "Father of Green Revolution in India"? (a) Dr Amartya Sen (b) Dr MS Swaminathan (c) Dr Kurien Vergheese (d) Dr Raja Ramanna.

3A(xx). Many times we read in newspapers about the "GM" crops. What is the full form of "GM"? (a) Genetically mutated (b) Genetically modified (c) Globally marketed (d)

None of these.

3A(xxi). Which 168 years old best selling British weekly tabloid owned by Rupert Murdoch had to shut down operations amid a phone hacking scandal? (a) News of the World (b) The Sunday Times (c) The Sunday Observer (d) The Mirror.

3A(xxii). The first Five-Year Plan in India was launched in the year (a) 1948 (b) 1949 (c) 1950 (d) 1951.

3A(xxiii). Who amongst the following has written the book "The City of Joy"? (a) Dominique Lapierre (b) Vikram Seth (c) Larry Collins (d) Khushwant Singh.

3A(xxiv). Subroto Cup is associated with the game of (a) Hockey (b) Football (c) Tennis (d) Badminton.

3A(xxv). Gagan Narang, a Khel Ratna winner is a famous (a) Footballer (b) Badminton Player (c) Boxer (d) Air Rifle Shooter.

3A(xxvi). Kovalam beach is in which Indian State? (a) Goa (b) Tamil Nadu (c) Andhra Pradesh (d) Kerala.

3B. Match the following: (i) Amzad Ali Khan — Shehnai; (ii) Vilayat Khan — Tabla; (iii) Bismillah Khan — Sarod; (iv) Alla Rakha Khan — Sitar.

PART D — Short answers

4(i). Which metal is used for generation of nuclear power?

4(ii). A popular medium in radio is FM. What does FM stand for?

4(iii). 1900 was a leap year. Yes or No?

4(iv). What four-letter word describes an offspring between a male donkey and a female horse?

4(v). Which creatures were dominant on earth during the Jurassic era?

4(vi). What is common to Yellow, Scarlet, Q and Hay?

4(vii). What connects Tarapur, Narora and Kakrapar?

4(viii). With which environmental movement would you associate Medha Patkar?

4(ix). What term is used to describe the following rivers: Kosi, Damodar, Hwang Ho and Tennessee?

4(x). Who won the 2012 Noble Peace Prize?