

## Notes

- i) Write legibly and answer the questions as per instructions.
- ii) Figures in the right hand margin indicate full marks for the questions.

Q1. Write an essay on any ONE of the following in about 150 words. 20

- i) Big Dams and Arunachal Pradesh
- ii) Road Safety in India
- iii) Clean India Mission (Swachh Bharat Abhiyaan)

Q2. Write a letter to the Deputy Commissioner of Capital Complex, Itanagar requesting her to help people affected by landslides during the monsoon. (In 100 words) 15

Q3. Read the following passage and answer the questions that follow in not more than three sentences each.

A Spirit of non-violence is a state of feeling inspired by a moral ideal. But every moral idea is bound up with some corresponding intellectual outlook. And the Indian outlook as I see it, is the intellectual counterpart of the Indian spirit of non-violence. It is a belief that, for us human beings, there is more than one approach to truth and to salvation. By "truth" I mean a glimpse of absolute spiritual Reality. By "salvation" I mean attaining harmony in some degree with Reality when one has had a vision of Reality.

This broad-minded approach of Reality is, I believe, characteristic of India. If I am right, a devout and zealous Shaiva and a devout and zealous Vaishnava would each recognise that the other was seeking truth and salvation in his own way. Each might perhaps claim that his own way was the better one, at any rate, for himself. But he would not maintain that his own was the only way that had any truths or virtue in it.

- i). Find words in the passage which are antonyms of the following words. 5x1=5
  - a) Imagination, b) damnation, c) vice , d) quarrel, e) apathetic
- ii). What does the author mean by "truth" and "salvation" ? 4
- iii) What, according to the writer, is the right approach to truth? 3
- iv) ). Is this passage relevant to our times? Why? 2+3=5
- v). Give a suitable title to the passage. 2

Q4. Write a paragraph in about 100 words on any ONE of the following topic. 10

- i) Morning shows the day
- ii) The pen is mightier than the sword

- iii) Birds of a feather flock together

Q5. Correct and re-write any FIVE of the following.

2x5=10

- i) More you read less you understand.
- ii) The girl who answered the phone she was polite.
- iii) I shall see the brakes whether they work well.
- iv) One should not waste his time.
- v) Learning the English is not easy.
- vi) I am going to hospital to see friend who has undergone the operation.
- vii) She recommended me that I take a few days off from work.

Q6. Choose the correct option (any FIVE)

2X5=10

- i) It ..... raining when I got home last night. (were/was/has)
- ii) My father ..... that I should stop smoking. (is thinking/thinks/has thinking)
- iii) If we ..... late, they will be angry. (will be/shall be/are)
- iv) If you ..... told me, I would have given you my honest advice. (had/would have/were)
- v) I am a little afraid to do this ....my own. (by/in/on)
- vi) You are walking ..... your tiptoes. (by/in/on)
- vii) He was hit stepping ..... a cab. (off/out/of)

Q7. Change into Indirect Speech (any FIVE)

2X5=10

- i) He said to me, "What are you doing?"
- ii) She said, "Be quiet and listen to me."
- iii) "Where do you live?" asked the stranger.
- iv) He said, "Alas! I am undone."
- v) Achin said, "Bravo! You have done well."
- vi) I said to you, "I don't believe you".
- vii) "I know her address," said Hiron.

Q8. Change the Voice (any THREE)

2x3=6

- i) Why did your brother write such a letter?
- ii) My pen was stolen.
- iii) Who taught you Hindi?
- iv) He handed her a cheque.
- v) Circumstances will oblige me to go.



**Subject:** GENERAL KNOWLEDGE ----- ( SET-A ) (PART-B)

**Max. Marks:** 100

ROLL NO.

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**Subject:** GENERAL KNOWLEDGE

**Max. Marks:** 100

*Signature of Invigilator*

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1. Immediately after the commencement of the Examination, you should check that this Booklet does **NOT** have any unprinted or torn or missing page or items, etc. If any defect is found, get it replaced by Complete Question Booklet.
2. **DO NOT** write your name or anything else except the actual answers to the question, anywhere on the test booklet.
3. Handle your test Booklet carefully in such a manner as it may not be mutilated, folded and torn, etc.
4. This Question Booklet contains **100** questions. Each question contains four responses. Choose **only one correct answer** for each question and put a tick mark (✓) against it or darken the bubbles.
5. All the questions are compulsory and carry equal marks. Your total score will depend only on the number of correct responses marked by you in the test booklet.
6. No candidate shall be admitted to the Examination Hall 20 minutes after commencement of distribution of the Test Booklet. The Supervisor of the Examination Centre will be the time-keeper and his decision in this regard is final.
7. No candidate shall have in his possession inside the Examination Hall any book, notebook or loose paper, programmable calculator, mobile phone etc. except his admit card and other stationary permitted by Commission.
8. Immediately after the final bell indicating the closure of the examination, stop making any future markings. You should leave the examination hall after your test booklet is collected by the Invigilator.
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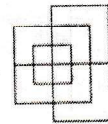
## Question Set

1.	After Dr Rajan, the next Governor of RBI will be (a) Prof. Jaimiti Bhagwati (b) Ms. Chanda Kochhar (c) Dr. Urjit Patel (d) Mr. Mukesh Ambani	2.	Inventor of the capillary feed fountain pen was (a) Francis C. Brown (b) Lewis Edson Waterman (c) Morris W. Moore (d) Walter A. Sheaffer
3.	India's first permanent research station in Antarctica is named (a) Dakshin Gangotri (b) Maitri (c) Dakshin Kanya (d) Polar Lab	4.	The Longest day in India is (a) June Solstice (b) December Solstice (c) March Equinox (d) September Equinox
5.	At the recently concluded Rio Olympics, who won a Gold medal in badminton (a) Deepa Karmakar (b) Sakshi Malik (c) P V Sindhu (d) None of the above	6.	Sphygmomanometer is used to measure (a) Blood pressure (b) Atmospheric air pressure (c) Near vacuum Pressure (d) LPG cylinder pressure
7.	Choose the correct alternative that will continue the same pattern and fill in the blank space in the series 2, 7, 9, 16, ?, 41  (a) 31 (b) 28 (c) 25 (d) 38	8.	Consider the following words : A. Socialist B. Democratic C. Sovereign D. Secular  Choose the response that gives the correct sequence in the preamble to the Constitution of India  (a) C, A, D and B (b) C, D, A and B (c) C, D, B and A (d) D, A, C and B
9.	Which of the following is not a tenet of Gandhian Socialism (a) Social justice (b) Concern for the poor but not hatred for the rich (c) Equality of opportunities of all (d) Nationalisation of all means of production and distribution	10.	What is the full form of NEFA – as Arunachal Pradesh was known earlier (a) North-East Frontier Area (b) North-East Frontier Agency (c) North-East Frontier Assembly (d) North-East Frontier Activity
11.	Kirchoff's Laws are related to (a) Electromechanical systems (b) Hydraulic loops and nodes (c) Pneumatic loops and nodes (d) Electrical loops and nodes	12.	Under prevailing Indian Laws, who amongst the following can vote in the general elections? (a) Person of unstable mental state (b) Convicted criminals and prisoners (c) NRI with business interest in India (d) A serving IPS officer
13.	'Cardiac arrest' is related to which of the following organs of human body? (a) Eye (b) Ear (c) Nose (d) Heart	14.	A photon will have less energy, if its (a) amplitude is higher (b) frequency is higher (c) wavelength is longer (d) wavelength is shorter
15.	Which of the following animals was not native to India? (a) Elephant (b) Horse (c) Rhinoceros (d) Tiger	16.	Which one of the following is an operating system of mobile devices? (a) Linux (b) Ubuntu (c) Tizen (d) Windows NT

17.	Soil is considered to be alkaline when its pH is (a) below 7 (b) 7 (c) above 7 (d) none of the above	18.	Within Indian Railways, the longest route is traversed by (a) Dibrugarh-Kanyakumari Vivek Express /15905 (b) Jammu Tawi-Kanyakumari Himsagar Express /16317 (c) Guwahati Ernakulam Express /12508 (d) Tirunelveli Jammu Express /16787
19.	Who wrote 'Sarey Jahaan Sey Achha'? (a) Muhammad Iqbal (b) Sarojini Naidu (c) Bankim Chandra Chatterjee (d) Sardar Vallabhbhai Patel	20.	With a net primary output of 490 tonnes in 2015, China is the world's largest producer of (a) Platinum (b) Gold (c) Silver (d) Copper
21.	Preparation of the budget, Approval of the budget, Audit and accounts of public expenditure are all part of which management? (a) Marketing Management (b) Logistics Management (c) Financial Management (d) Operations Management	22.	The cells of our immune system that are involved in protecting the body against both infectious disease and foreign invaders are (a) red blood cells (b) blood platelets (c) white blood cells (d) hormones
23.	On a human hand, the finger nearest to thumb is the (a) ring finger (b) index finger (c) middle finger (d) pinky	24.	The population of which of the following is maximum on the earth? (a) Reptiles (b) Fishes (c) Birds (d) Beetles
25.	The first feature film in Sanskrit was (a) Patal Bhairavi (b) Mricchakatikam (c) Adi Shankaracharya (d) Yugabandhanam	26.	The character of Draupadi in B R Chopra's mega serial Mahabharat was played by (a) Rupa Ganguly (b) Seema Biswas (c) Pratiba Sinha (d) Shabana Azmi
27.	A common ore of copper is (a) Bornite (b) Chromite (c) Cryolite (d) Monazite	28.	Who wrote the line: 'A thing of beauty is a joy forever'? (a) John Keats (b) Robert Browning (c) P.B.Shelley (d) William Wordsworth
29.	The Amendment of the Constitution can be initiated in (a) The Lok Sabha only (b) The Rajya Sabha only (c) The Legislative Assemblies of States only (d) Either House of the Parliament	30.	The annual Pushkar ka Mela takes place in the Indian state of (a) Uttar Pradesh (b) Rajasthan (c) Maharashtra (d) Arunachal Pradesh
31.	The Subansiri Lower Hydroelectric Project (SLHEP) is being constructed by (a) JayPee Limited (b) NHPC Ltd (c) NEEPCO (d) PowerGrid Corporation	32.	The Sixth Dalai Lama, Tsangyang Gyatso, was born in which place of Arunachal Pradesh (a) Ziro (b) Menchukha (c) Bomdila (d) Tawang
33.	Which of the following is not an organ of the United Nations? (a) The International Monetary Fund (b) The Economic and Social Council (c) The Trusteeship Council (d) The International Court of Justice	34.	The watershed between India and Myanmar is formed by (a) the Naga hills (b) the Garo hills (c) the Khasi hills (d) the Jaintia hills



35.	The Indian government's chief legal advisor is the (a) Advocate General (b) Solicitor General of India (c) Chief Justice of India (d) Attorney General for India	36.	What is the minimum number of straight lines required to draw this figure? (a) 15 (b) 14 (c) 13 (d) 12
37.	Bahadur Shah Zafar, who was deposed to Burma by the British, was a (a) Nizam of Hyderabad (b) Nawab of Lucknow (c) Sultan of Bijapur (d) Mughal Emperor	38.	By which constitutional amendment bill was the voting age reduced from 21 years to 18 years? (a) 48th (b) 57th (c) 61st (d) 63rd
39.	Who said "I have cherished the ideal of a democratic and free society in which all persons will live together in harmony and with equal opportunities. It is an ideal for which I hope to live for and to see realised. But, My Lord, if it needs be, it is an ideal for which I am prepared to die"? (a) Che Guevara (b) Mahatma Gandhi (c) Martin Luther King (d) Nelson Mandela	40.	Choose the correct alternative that will continue the same pattern and fill in the blank space in the series 64, 125, 216, ?, 512, 729, (a) 343 (b) 70 (c) 63 (d) 75
41.	A man walks at 5kmph for 6hr and at 4km/h for 12hr. His average speed is (a) $4\frac{1}{3}$ km/h (b) $7\frac{2}{3}$ km/h (c) $9\frac{1}{2}$ km/h (d) 8 km/h	42.	Excluding stoppages, the speed of a bus is 54 kmph and including stoppages, it is 45 kmph. For how many minutes does the bus stop per hour? (a) 8 min (b) 5 min (c) 10 min (d) 14 min
43.	There are 20 students with an average height of 105 cms in a class. Then 10 students with an average height of 120 cms join the class. What will be the average height of the class now? (a) 100 cms (b) 110 cms (c) 120 cms (d) 130 cms	44.	What would be a common word to link nonconformist, dissenter, dissident, iconoclast, maverick (a) Deity (b) Unborn (c) Minister (d) Rebel
45.	Which of the following do not belong to the list (a) renovated (b) regenerated (c) relegated (d) refurbished	46.	Which of the following can initiate the process of impeachment of the President of India? (a) Any House of the Parliament (b) The Lok Sabha alone (c) The Rajya Sabha alone (d) The Supreme Court of India
47.	Which of the following rivers flows westward? (a) Krishna (b) Cauvery (c) Mahanadi (d) Narmada	48.	The highest gallantry award during peacetime in India is (a) Maha Vir Chakra (b) Param Vir Chakra (c) Ashok Chakra (d) Vir Chakra
49.	The French Revolution gave to the world an inspiration in the form of (a) Do or Die (b) Liberty, Equality and Fraternity (c) Better dead than Red (d) Make love, not war	50.	The accelerator pedal of a Right Hand Drive, mechanical transmission car on Indian roads is controlled by (a) Right foot (b) Left foot (c) Right hand (d) Left hand





51.	Which of the following statements is true ? (a) Both salinity and density of sea increase with depth (b) Both salinity and density of sea decrease with depth (c) Salinity increases but density of sea decreases with depth (d) Salinity decreases but density of sea increases with depth	52.	If the longitudes of P and Q are 45° E and 60°W respectively, what will be the difference in their local times (a) 7 hours (b) 6 hours (c) 3.5 hours (d) Both places will have the same local time
53.	Nokia's mobile phone business was taken over by (a) Samsung (b) Microsoft (c) Alcatel (d) Motorola	54.	What significance does 20 February 1987 hold for Arunachal Pradesh (a) Helicopter accident of Dorjee Khandu (b) It became a Union Territory (c) Name changed from NEFA to Arunachal Pradesh (d) It became a state
55.	A bread board is used for (a) designing textile patterns (b) peeling of potatoes (c) prototyping of electronics circuit (d) placing pallets in the warehouse	56.	Gobar gas contains mainly (a) Carbon dioxide (b) Methane (c) Ethylene (d) Carbon monoxide
57.	Tobacco major ITC has its headquarters located at (a) New York (b) Kolkata (c) Brussels (d) Mumbai	58.	The main source of energy for NHPC to produce electricity is (a) Nuclear Power (b) Petroleum product (c) Hydro power (d) Coal
59.	Which of the following sectors has seasonal unemployment (a) Banks (b) Agriculture (c) Public Sector (d) Private Sector	60.	The geometric shape of a bucket is called (a) Cuboid (b) Cylinder (c) Frustum (d) Cone
61.	Thiamine deficiency, or beriberi, refers to the lack of (a) Vitamin K (b) Vitamin B1 (c) Vitamin C (d) Nicotine	62.	Accident is related to Carefulness in the same way as Disease is related to ... (a) Sanitation (b) Treatment (c) Medicine (d) Doctor
63.	Which of the following is a cardinal point of the compass (a) South South East (b) South East (c) East (d) None of the above	64.	Coffee : cup :: soup : ? (a) chicken (b) appetizer (c) bowl (d) plate
65.	As per provision of the Indian Constitution, if the Prime Minister and his Council of Ministers wants to resign, he should address his resignation letter to the (a) Rajya Sabha (b) Lok Sabha (c) Chief Justice of India (d) President of India	66.	The significance of 23 hr 56 min 4.09 sec is (a) the exact time taken by our moon to make one revolution around earth (b) the biological cycle clock of Human body (c) the precise time taken by earth for one rotation (d) none of the above
67.	Donyi-Polo refers to (a) Man – Woman (b) Sun – Moon (c) Good – Evil (d) Black – White	68.	The most ideal region for the cultivation of cotton in India is (a) the Brahmaputra valley (b) the Indo-Gangetic valley (c) the Deccan plateau (d) the Rann of Kutch



69.	The Battle of Plassey took place between East India Company under Robert Clive against (a) Mir Jafar (b) Mir Jhumla (c) Siraj ud Daulah (d) Sher Shah	70.	Circle : Circumference :: Square : ? (a) Volume (b) Area (c) Diagonal (d) Perimeter
71.	Into how many districts was the erstwhile North-East Frontier Agency divided on December 1, 1965 (a) Four (b) Five (c) Eight (d) Fifteen	72.	COAL : MINERAL :: (a) oxygen : water (b) river : dam (c) gold : metal (d) silver : mine
73.	As on 1 <sup>st</sup> of May, 2016, who was the Governor of Arunachal Pradesh (a) Jyoti Prasad Rajkhowa (b) Padmanabha Balakrishna Acharya (c) Ram Nath Kovind (d) E. S. L. Narasimhan	74.	Aishwarya and Abhishek Bachchan's daughter is named (a) Aahana (b) Abishruti (c) Akansha (d) Araadhya
75.	Tipu Sultan was the ruler of (a) Hyderabad (b) Madurai (c) Mysore (d) Vijayanagar	76.	Two of the great Mughals wrote their own memories. There were (a) Babar and Humayun (b) Humayun and Jahangir (c) Babar and Jahangir (d) Jahangir and Shahjahan
77.	With the help of which of the following countries did Subhas Chandra Bose organize the Indian soldiers, taken as prisoners by the Axis Powers, into the Azad Hind Fauj? (a) China (b) Germany (c) Italy (d) Japan	78.	Whose work focused on the drain of wealth from India into England through colonial rule during British imperialism (a) Jawaharlal Nehru (b) Dadabhai Naoroji (c) R.C. Dutt (d) M.K. Gandhi
79.	The 'Cannes Festival' is held for showcasing excellence in (a) Films (b) Journalism (c) Literature (d) Economics	80.	Who among the following is not a recipient of 'Dada Saheb Phalke' Award? (a) V. Shantaram (b) Raj Kapoor (c) Ramanand Sagar (d) Ashok Kumar
81.	Hornbill Festival is held annually in the North Eastern state of (a) Arunachal Pradesh (b) Nagaland (c) Mizoram (d) Meghalaya	82.	1 <sup>st</sup> of January, 2016 was a (a) Tuesday (b) Wednesday (c) Thursday (d) Friday
83.	Former Chief Minister of Arunachal Pradesh, (Late) Dorjee Khandu belonged to the (a) Sherdukpen tribe (b) Monpa tribe (c) Apatani tribe (d) Nyishi tribe	84.	The easternmost district of India – located in Arunachal Pradesh – is (a) Dibang Valley (b) Tirap (c) Changlang (d) Anjaw
85.	The shortest straight chain with two carbons is (a) ethane (b) butane (c) propane (d) methane	86.	The Manhattan Project was started by President Roosevelt in 1942 to ensure that the U.S. beat the Germans in developing a nuclear bomb. Whom did Roosevelt appoint as scientific head the Manhattan Project? (a) Robert Oppenheimer (b) James B. Conant (c) Leslie R. Groves (d) Vannevar Bush



87.	A decade has (a) ten years (b) thirty years (c) hundred years (d) thousand years	88.	24 carat gold (a) has 24 percent of silver as alloy (b) is generally used for jewellery purpose (c) is the purest form of gold (d) is used for dental fillings
89.	Arunachal University of Studies is located at (a) Nehru Market, Tawang (b) Main Center, Namsai (c) Gam Village, Ziro (d) Rono Hills, Doimukh	90.	India Development Forum (IDF) was earlier known as : (a) Aid India Consortium (b) Aid India Bank (c) World Bank (d) None of the above
91.	The Partition of Bengal made by Lord Curzon in 1905 lasted until (a) the First World War when Indian troops were needed by the British and the partition was ended. (b) King George V abrogated Curzon's Act at the Royal Darbar in Delhi in 1911 (c) Gandhiji launched his Civil Disobedience Movement (d) the Partition of India, in 1947 when East Bengal became East Pakistan	92.	The movie "Mera Dharam Meri Ma" was directed by (a) Manmohan Desai (b) Gulzar (c) Dr Bhupen Hazarika (d) Karan Johar
93.	What is 'Kalaripayattu'? (a) It is an ancient martial art and a living tradition in some parts of South India. (b) It is an ancient style bronze and brasswork still found in southern part of Coromandel area. (c) It is an ancient form of dance-drama and a living tradition in the northern part of Malabar. (d) It is an ancient Bhakti cult of Shaivism still prevalent in some parts of South India.	94.	Arrange the following fertilisers according to the decreasing order of their nitrogen content I. Ammonium sulphate II. Ammonium nitrate III. Potassium nitrate IV. Urea  (a) IV, II, III, I (b) IV, II, I, III (c) IV, III, II, I (d) II, IV, III, I
95.	Which amongst the following companies provides Ratings, Research and Risk & Policy Advisory services. (a) UGC-NAAC (b) BIS (c) ICICI (d) CRISIL	96.	The velocity below which a rocket will not escape earth's gravitational pull is (a) 9.5 km/s (b) 11.2 km/s (c) 13 km/s (d) 24.25 km/s
97.	The southernmost point of India, Pygmalion Point in the Andaman and Nicobar Islands, is renamed as (a) Nehru Point (b) Indira Point (c) Narendra Point (d) Vivekananda Point	98.	The westernmost district of Arunachal Pradesh is (a) Lower Dibang (b) West Siang (c) Tawang (d) West Kameng
99.	Pulakesin II was the most famous ruler of (a) Chalukyas (b) Cholas (c) Pallavas (d) Satavahanas	100.	The title given by the British Government to Mahatma Gandhi which he surrendered during the non-cooperation movement was (a) Hind Keasri (b) Kaiser-e-Hind (c) Rai Bahadur (d) Rt. Honorable