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68%

भारत का न. 1 संकाय
कौटिल्य एकेडमी
सफलता का प्रवेश द्वार.

प्रश्न संख्या

मुख्य परीक्षा उत्तर पुस्तिका
(Mains Answer Sheet)

1.	1	Computer memory is the unit of data storage in any computer. e.g. ROM, RAM.
1.	2	Operating system are user interface in any computer to connect the user to the computer. e.g. Windows operating system.
1.	3	Fourth generation computers are computer those were developed during 1971-1980. It was based on very large integrated system circuits (VLSI) called CPU.
1.	4	Optical mouse are those mouse which use light to operate. Generally they use LED (light emitting diode).
1.	5	Compiler is the software used to convert the source code into machine language. <i>high level programming language</i>
1.	6	E-governance is use of Information-Communication Technology (I-C-T) to deliver government services. <i>to low level machine language</i>

2

Eg??

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मुख्य परीक्षा उत्तर पुस्तिका
(Mains Answer Sheet)

भारत का नं. 1 संस्करण
कौटिल्य एकेडमी
सफलता का पथ है।

<input type="checkbox"/> 1. <input type="checkbox"/> 7	Probability is that branch of mathematics which uses numerical statistics to determine the likely of occurrence of an event. eg??
<input type="checkbox"/> 2. <input type="checkbox"/>	
<input type="checkbox"/> 1. <input type="checkbox"/> 8	Polymer are large chain of molecules. e.g. Polyethylene, Nylon, Teflon etc.
<input type="checkbox"/> <input type="checkbox"/>	
<input type="checkbox"/> 1. <input type="checkbox"/> 9	$1+3+5+7+9+11+13+15+17+19 = 80$ $N = 10^2 = 100$ The sum of 1st ten odd numbers is 80
<input type="checkbox"/> <input type="checkbox"/>	
<input type="checkbox"/> 1. <input type="checkbox"/> 10	Sampling of method of observation by taking inference or estimate from a selected subset of population.
<input type="checkbox"/> <input type="checkbox"/>	
<input type="checkbox"/> 1. <input type="checkbox"/> 11	At. Yoga is a exercise that focuses on physical, mental & spiritual well-being.
<input type="checkbox"/> <input type="checkbox"/>	
<input type="checkbox"/> 1. <input type="checkbox"/> 12	National child health programme is focused on reducing the child & infant mortality rate & increasing the life standard of children.
<input type="checkbox"/> <input type="checkbox"/>	

launcher?!

Early detection
Care

प्रश्न संख्या

मुख्य परीक्षा उत्तर पुस्तिका
 (Mains Answer Sheet)

<input type="checkbox"/> 13	National school of ayurveda is in Jaipur. It was established to promote	2
11 Feb 1988 Ayurveda minister	sterility in ayurveda. HQ - Delhi	
<input type="checkbox"/> 14	Janani Shiksha Yojana Program is focused on providing free & cashless	172
↓ mortality Yes?	health services to pregnant women from their delivery in govt hospitals.	
<input type="checkbox"/> 15	Mission Indradhanush is a targeted	
↓ mortality Yes?	immunisation vaccination programme which focuses on 100% vaccination of	1
↓ mortality Yes?	children upto 2 years of age. It consists 7 vaccines.	
↓ mortality Yes?		
↓ mortality Yes?		
↓ mortality Yes?		
↓ mortality Yes?		
↓ mortality Yes?		

1.	1	Types of computers: (1) <u>Based on Types</u> - (i) <u>Analogous Computer</u> (ii) <u>Digital computer</u> - such as laptop, desktop. (2) <u>Based on size</u> - (i) <u>Micro computer</u> such as <u>smart watches</u> (ii) <u>Mini computer</u> such as <u>Tablet</u> , <u>mobile phones</u> . (iii) <u>Macro computer</u> - used in big companies. (iv) <u>super computer</u> - used in <u>Quantum computing</u> , etc <u>Eg PARAM</u>
2.	2	Input devices are those devices which are connected to computers to <u>send data</u> . These devices are <u>externally connected</u> to the computers to <u>provide data</u> . Some examples of input devices are <u>mouse</u> , <u>keyboard</u> , <u>scanner</u> etc.

give instructions & data to computer

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मुख्य परीक्षा उत्तर पुस्तिका
(Mains Answer Sheet)

भारत का ज.। संस्थान
कौटिल्य एकेडमी
सफलता का पथ है।

2.	3	Microsoft Office is a <u>set of application</u> that provides <u>different services</u> to the users. It is <u>developed & marketed</u> by <u>Microsoft company</u> which is a <u>tech-giant</u> . Microsoft Office provides <u>different services</u> through its <u>different application</u> such as <u>Microsoft Office Word</u> , <u>Microsoft Office Excel</u> , <u>Microsoft Office Powerpoint</u> etc. <u>↳ creating spreadsheets.</u>
<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	
2.	4.	A <u>storage device</u> in a computer is that <u>unit</u> which <u>stores</u> the <u>data</u> that is <u>used</u> in <u>processing</u> of the <u>computer</u> . There are <u>2 types</u> of <u>storage units</u> : (1) <u>Primary storage</u> . - <u>Read only memory</u> or <u>ROM</u> & <u>Random Access Memory</u> or <u>RAM</u> . (2) <u>Secondary storage</u> . - <u>Such as Hard disc drive</u> , <u>DVD</u> , <u>CD</u> , etc. <u>Primary storage</u> is <u>small in size</u> and is <u>in-built</u> in the <u>computer system</u> . <u>Whereas</u> the <u>secondary storage devices</u> are <u>externally connected devices</u> & can be <u>attached</u> & <u>detached</u> from the <u>system</u> as & when <u>required</u> .
<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	

Application software

2½

प्रश्न
संख्या

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	11 oranges for ₹ 10 = 11×10 = ₹ 110
<input type="checkbox"/>	<input type="checkbox"/>	if sell it 10 oranges for ₹ 11 = 10×11 = ₹ 110
<input type="checkbox"/>	<input type="checkbox"/>	11 oranges for ₹ 10 ∴ 1 orange = $\frac{10}{11} = 0.9$ ✓
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	sells 10 orange for ₹ 11 ∴ 1 orange = $\frac{11}{10} = 1.1$ ✓
<input type="checkbox"/>	<input type="checkbox"/>	$1.1 - 0.9 = 0.2$ ₹ (Profit) Profit % ? 0
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2. 8
<input type="checkbox"/>	<input type="checkbox"/>	Infectious diseases are those diseases that are caused by pathogens such as bacteria, virus, protozoa etc.
<input type="checkbox"/>	<input type="checkbox"/>	These disease are highly contagious & can be transmitted very quickly from human to human or animals to human. These are also called transmitted or communicable diseases. Some examples of such diseases are Malaria, Dengue, Tuberculosis, Ebola, Covid-19 etc.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	These are spread through contaminated food, water etc.

$\frac{SP - CP}{CP} \times 100$

Also mention

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मुख्य परीक्षा उत्तर पुस्तिका
(Mains Answer Sheet)

भारत का नं. 1 सरकार
कौटिल्य एकेडमी
सफलता का प्रवेश द्वार

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Major National Immunization Programme are : NIP - 1978 & JIP - 1985
<input type="checkbox"/>	<input type="checkbox"/>	① <u>Universal immunization Programme</u> - It was started in <u>1985</u> . It was ^{focused on} included the diseases such <u>Rubella</u> , <u>Tuber-culosis</u> etc, <u>Measles</u> etc
<input type="checkbox"/>	<input type="checkbox"/>	② <u>Mission Indradhanush</u> - It was started in <u>2014</u> . It targeted <u>7</u> diseases such as <u>Tetanus</u> , <u>Diphtheria</u> , <u>Measles</u> etc.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	③ <u>Intensified Indradhanush</u> - It targeted the children below <u>upto</u> age of <u>2 years</u> & <u>pregnant women</u> . It added few more vaccines in the <u>7</u> vaccines of <u>Indradhanush Mission</u> .
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	④ <u>Covid vaccination Programme</u> - It started in <u>January 2021</u> . It was a <u>national</u> vaccination programme against the <u>corona virus</u> immunization.
<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	

credit limit

मुख्य परीक्षा उत्तर पुस्तिका
(Mains Answer Sheet)

प्रश्न संख्या

2. 10

Homeopathic medicines system was started & developed in Germany. This system of medicine is based on the assumption that the body heals itself. It follows the 'law of similarity'. According to which the same symptoms that cause the disease can be used to cure it. In homeopathy medicine doses of minute quantity are given for a longer period of time.

by Dr. Maheshwari
of treating by drug.
i.e. similar symptoms

मुख्य परीक्षा उत्तर पुस्तिका
(Mains Answer Sheet)

प्रश्न संख्या

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Mode = 61 ✓
<input type="checkbox"/>	<input type="checkbox"/>	Mean = $\frac{\text{Total Sum}}{\text{Total No. (N)}}$
<input type="checkbox"/>	<input type="checkbox"/>	= $\frac{61+10+88+37+61+62+55+71+45+27}{10}$
<input type="checkbox"/>	<input type="checkbox"/>	= $\frac{513}{10}$ ✓
<input type="checkbox"/>	<input type="checkbox"/>	Mean = 51.3
<input type="checkbox"/>	<input type="checkbox"/>	Median =
<input type="checkbox"/>	<input type="checkbox"/>	10, 23, 37, 45, 55, 61, 62, 71, 88
<input type="checkbox"/>	<input type="checkbox"/>	7 N = 10 which is an even no.
<input type="checkbox"/>	<input type="checkbox"/>	$\frac{10}{2} = 5^{\text{th}} + 5^{\text{th}} + 6^{\text{th}}$
<input type="checkbox"/>	<input type="checkbox"/>	Median = $\frac{55+61}{2}$
<input type="checkbox"/>	<input type="checkbox"/>	= $\frac{116}{2}$
<input type="checkbox"/>	<input type="checkbox"/>	Median = 58 ✓
<input type="checkbox"/>	<input type="checkbox"/>	The relation between mean, median & mode is:
<input type="checkbox"/>	<input type="checkbox"/>	Mode = Mean - 3(Mean - Median)
		58 = 51.3 - 3(51.3 - 58)
		58 = 51.3 - 3(-6.7)

11

प्रश्न
संख्या

मुख्य परीक्षा उत्तर पुस्तिका
(Mains Answer Sheet)

भारत का नं. 1 अखबार
कौटिल्य एकेडमी
अफ़लातून का पवेश भारत

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	AYUSH stands for <u>Ayurveda</u> , <u>Yoga</u> and <u>Naturopathy</u> , <u>Unani</u> , <u>Siddha</u> , and <u>Homeopathy</u> .
<input type="checkbox"/>	<input type="checkbox"/>	<u>Ayurveda</u> was started by <u>Mahishi</u>
<input type="checkbox"/>	<input type="checkbox"/>	<u>Charak</u> , <u>Yoga</u> by <u>Patanjali</u> , <u>Unani</u>
<input type="checkbox"/>	<input type="checkbox"/>	is from <u>Arab scholars</u> , <u>Siddha</u> was
<input type="checkbox"/>	<input type="checkbox"/>	propounded by <u>Tamil Siddha saints</u> and
<input type="checkbox"/>	<input type="checkbox"/>	<u>Homeopathy</u> was from <u>German</u>
<input type="checkbox"/>	<input type="checkbox"/>	<u>Physians</u> .
<input type="checkbox"/>	<input type="checkbox"/>	AYUSH is set of <u>traditional</u> & <u>non-</u>
<input type="checkbox"/>	<input type="checkbox"/>	<u>traditional</u> medicinal system which
<input type="checkbox"/>	<input type="checkbox"/>	also included <u>physical exercises</u> ,
<input type="checkbox"/>	<input type="checkbox"/>	<u>meditation</u> , <u>mental</u> & <u>spiritual</u>
<input type="checkbox"/>	<input type="checkbox"/>	<u>wellness</u> etc.
<input type="checkbox"/>	<input type="checkbox"/>	AYUSH system of medicines are
<input type="checkbox"/>	<input type="checkbox"/>	based on <u>traditional plant based</u>
<input type="checkbox"/>	<input type="checkbox"/>	<u>medicines</u> & <u>herbs</u> .
<input type="checkbox"/>	<input type="checkbox"/>	<u>Sowa Rigpa</u> of <u>Ladakh</u> is latest
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	addition to the list of AYUSH
<input type="checkbox"/>	<input type="checkbox"/>	medicine system.

मुख्य परीक्षा उत्तर पुस्तिका
(Mains Answer Sheet)

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<input type="checkbox"/>	<input type="checkbox"/>	Government of India has set up a separate & dedicated sector ministry to deal with <u>AYUSH</u> system. It is named as <u>Ministry of AYUSH</u> .
<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	Ministry of <u>AYUSH</u> has launched several initiatives & programs to popularise the <u>AYUSH</u> medicines system such as <u>National AYUSH Mission</u> . It aims at :
<input type="checkbox"/>	<input type="checkbox"/>	① Promoting use of <u>traditional plant base medicines</u> .
<input type="checkbox"/>	<input type="checkbox"/>	② <u>Inclusion of Yoga as exercise</u> for physical & mental well being.
<input type="checkbox"/>	<input type="checkbox"/>	③ <u>Promote awareness regarding traditional medicine system of India</u> .
<input type="checkbox"/>	<input type="checkbox"/>	<u>AYUSH</u> system of medicine as <u>traditional & non-chemical based medicines</u> has been promoted under <u>AYUSH</u> so that the <u>traditional medicinal system</u> can be <u>preserved & promoted</u> .
<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	

good

7

* can also contribute during covid

<input type="checkbox"/> 3.	<input type="checkbox"/> 5	Sampling is the process of collecting data for ^{make} from a <u>subset of population</u> to <u>infer</u> regarding <u>certain statistics & estimates</u> .
<input type="checkbox"/>	<input type="checkbox"/>	There are various <u>method types</u> of sampling that are used to <u>conduct</u> it.
<input type="checkbox"/>	<input type="checkbox"/>	<u>Types of sampling</u> :-
<input type="checkbox"/>	<input type="checkbox"/>	① <u>Probability sampling</u> - It is based on <u>estimates & inference</u> based on <u>probability</u> . It is done on the basis of <u>occurrence</u> likely of an event's occurrence.
<input type="checkbox"/>	<input type="checkbox"/>	There are various methods to do <u>probability sampling</u> such as:
<input type="checkbox"/>	<input type="checkbox"/>	① <u>Simple random sampling</u>
<input type="checkbox"/>	<input type="checkbox"/>	② <u>Cluster sampling</u>
<input type="checkbox"/>	<input type="checkbox"/>	③ <u>Systematic sampling</u>
<input type="checkbox"/>	<input type="checkbox"/>	④ <u>Stratified sampling</u>
<input type="checkbox"/>	<input type="checkbox"/>	② <u>Non-Probability sampling</u> - It is based on <u>other methods</u> than the <u>probability sampling</u> .

