

# National Testing Agency

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## ICT Fundamentals

<b>Group Number :</b>	1
<b>Group Id :</b>	940918104
<b>Group Maximum Duration :</b>	0
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<b>Show Attended Group? :</b>	No
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<b>Is this Group for Examiner? :</b>	No

## ICT Fundamentals-1

<b>Section Id :</b>	940918152
<b>Section Number :</b>	1
<b>Section type :</b>	Online
<b>Mandatory or Optional :</b>	Mandatory

<b>Number of Questions :</b>	50
<b>Number of Questions to be attempted :</b>	50
<b>Section Marks :</b>	100
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	940918217
<b>Question Shuffling Allowed :</b>	Yes

**Question Number : 1 Question Id : 9409186993 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

Any hardware device connected to a computer and any part of the computer outside the CPU and working memory is known as -----

1. Tower
2. Peripherals
3. USB
4. None of these

**Options :**

- 94091826217. 1
- 94091826218. 2
- 94091826219. 3
- 94091826220. 4

**Question Number : 2 Question Id : 9409186994 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

Charge Coupled Device readers also called as ---- scanner

1. LED
2. Optical
3. Barcode
4. None of these

**Options :**

94091826221. 1

94091826222. 2

94091826223. 3

94091826224. 4

**Question Number : 3 Question Id : 9409186995 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

The ---- typically contains the processor (or CPU), BIOS (basic input/output system), memory, mass storage interfaces, serial and parallel ports, expansion slots, and all the controllers required to communicate with standard peripheral devices.

1. ALU
2. motherboard
3. circuit board
4. None of these

**Options :**

94091826225. 1

94091826226. 2

94091826227. 3

94091826228. 4

**Question Number : 4 Question Id : 9409186996 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

----- provides a user the choice to boot one of multiple operating systems installed on a computer or select a specific kernel configuration available on a particular operating system's partitions.

1. BOOT
2. Grub
3. Login screen
4. Root directory

**Options :**

94091826229. 1

94091826230. 2

94091826231. 3

94091826232. 4

**Question Number : 5 Question Id : 9409186997 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Computers are --- machines because at their most basic level they can distinguish between just two values, 0 and 1

1. digital
2. electronic
3. anlog
4. none of these

**Options :**

94091826233. 1

94091826234. 2

94091826235. 3

94091826236. 4

**Question Number : 6 Question Id : 9409186998 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

----- is another alternative mechanism for data transmission, which combines the approaches of asynchronous and synchronous communications.

1. Semi- synchronous
2. Isochronous
3. Duo- synchronous
4. None of these

**Options :**

94091826237. 1

94091826238. 2

94091826239. 3

94091826240. 4

**Question Number : 7 Question Id : 9409186999 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

A walky- talky is an example of ----- communication.

1. simplex
2. full duplex
3. half duplex
4. none of these

**Options :**

94091826241. 1

94091826242. 2

94091826243. 3

94091826244. 4

**Question Number : 8 Question Id : 9409187000 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

----is a device which is used to create an internetworking in our WANs and LANs.

1. Router
2. Modem
3. Switches
4. Bridges

**Options :**

94091826245. 1

94091826246. 2

94091826247. 3

94091826248. 4

**Question Number : 9 Question Id : 9409187001 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

A ---- is a computer network used for communication among computer devices close to one person.

1. WAN
2. PAN
3. LAN
4. MAN

**Options :**

94091826249. 1

94091826250. 2

94091826251. 3

94091826252. 4

**Question Number : 10 Question Id : 9409187002 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Peer-to-peer networks are more commonly implemented where less than --- computers are involved and where strict security is not necessary.

1. ten
2. twenty
3. fifty
4. hundred

**Options :**

94091826253. 1

94091826254. 2

94091826255. 3

94091826256. 4

**Question Number : 11 Question Id : 9409187003 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

In ---- topology devices are connected with many redundant interconnections between network nodes.

1. Ring
2. Bus
3. Mesh
4. Tree

**Options :**

94091826257. 1

94091826258. 2

94091826259. 3

94091826260. 4

**Question Number : 12 Question Id : 9409187004 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

--- is a wireless networking technology that uses short-wave radio frequencies to interconnect cell phones, portable computers, and other wireless electronic devices.

1. WiFi
2. Bluetooth
3. WiMAX
4. WAP

**Options :**

94091826261. 1

94091826262. 2

94091826263. 3

94091826264. 4

**Question Number : 13 Question Id : 9409187005 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Services that are broadcast or multicast in nature are known as -----

1. Digital Service
2. Distributed Service
3. Broadband
4. On- demand Services

**Options :**

94091826265. 1

94091826266. 2

94091826267. 3

94091826268. 4

**Question Number : 14 Question Id : 9409187006 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**



----- is an equipment set up to use computers from remote places.

1. RJE Terminal
2. Router
3. Switches
4. Bridges

**Options :**

94091826269. 1

94091826270. 2

94091826271. 3

94091826272. 4

**Question Number : 15 Question Id : 9409187007 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

The main Impress window has ----- parts

1. three
2. four
3. five parts
4. six

**Options :**

94091826273. 1

94091826274. 2

94091826275. 3

94091826276. 4

**Question Number : 16 Question Id : 9409187008 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

----- view is for setting up the layout of your slide for a printed handout.

1. Print
2. Handout
3. Notes
4. None of these

**Options :**

94091826277. 1

94091826278. 2

94091826279. 3

94091826280. 4

**Question Number : 17 Question Id : 9409187009 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

---- is a collection of programs that enables user to create, store, modify and extract information from a database.

1. Database
2. Application software
3. DBMS
4. None of these

**Options :**

94091826281. 1

94091826282. 2

94091826283. 3

94091826284. 4

**Question Number : 18 Question Id : 9409187010 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

A DSL is a combination of languages

1. three
2. four
3. five
4. two

**Options :**

94091826285. 1

94091826286. 2

94091826287. 3

94091826288. 4

**Question Number : 19 Question Id : 9409187011 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

In --- databases, the application can manipulate both transient and persisted data.

1. traditional
2. hierarchical
3. relational
4. object

**Options :**

94091826289. 1

94091826290. 2

94091826291. 3

94091826292. 4

**Question Number : 20 Question Id : 9409187012 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Bit-mapped graphics is also known as --- images

1. pixel
2. vector
3. raster
4. None of three

**Options :**

94091826293. 1

94091826294. 2

94091826295. 3

94091826296. 4

**Question Number : 21 Question Id : 9409187013 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

----- is a computer-generated artificial reality that projects a person into a sensation of three dimensional space.

1. Simulation
2. 3D animation
3. Virtual reality
4. None of these

**Options :**

94091826297. 1

94091826298. 2

94091826299. 3

94091826300. 4

**Question Number : 22 Question Id : 9409187014 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Wav, midi, mp3 are ----- formats

1. Image
2. Video
3. Audio
4. Text

**Options :**

94091826301. 1

94091826302. 2

94091826303. 3

94091826304. 4

**Question Number : 23 Question Id : 9409187015 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

A --- is sometimes loosely called a concentrator as it connects to all computers in a network in star configuration.

1. Switch
2. hub
3. Ethernet
4. None of these

**Options :**

94091826305. 1

94091826306. 2

94091826307. 3

94091826308. 4

**Question Number : 24 Question Id : 9409187016 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

----- and token ring are two media access control (MAC) protocols

1. Subnet
2. Ethernet
3. Bridge
4. None of these

**Options :**

94091826309. 1

94091826310. 2

94091826311. 3

94091826312. 4

**Question Number : 25 Question Id : 9409187017 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

---- topology is a network topology comprising two or more dissimilar network segments

1. Hybrid
2. Star
3. Ring
4. BUS

**Options :**

94091826313. 1

94091826314. 2

94091826315. 3

94091826316. 4

**Question Number : 26 Question Id : 9409187018 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

---- provides connectionless service at the user level.

1. 1.TCP
2. MPLS
3. UDP
4. None of three

**Options :**

94091826317. 1

94091826318. 2

94091826319. 3

94091826320. 4

**Question Number : 27 Question Id : 9409187019 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

IPv4 uses 32-bit address and IPv6 --- -bit

1. 256
2. 64
3. 128
4. None of these

**Options :**

94091826321. 1

94091826322. 2

94091826323. 3

94091826324. 4

**Question Number : 28 Question Id : 9409187020 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Routers use ----- to report any abnormal event on the network.

1. TCP
2. ICMP
3. TCP/ IP
4. IMAP

**Options :**

94091826325. 1

94091826326. 2

94091826327. 3

94091826328. 4

**Question Number : 29 Question Id : 9409187021 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

---- switching is the most recent one evolved during mid 1990s used in new telecommunication infrastructure.

1. Packet
2. Cell
3. Circuit
4. None of these

**Options :**

94091826329. 1

94091826330. 2

94091826331. 3

94091826332. 4

**Question Number : 30 Question Id : 9409187022 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**



Cell switching and asynchronous transfer mode are chosen as the basic transport mechanism for -----

1. BISDN
2. ISDN
3. Bluetooth
4. None of these

**Options :**

94091826333. 1

94091826334. 2

94091826335. 3

94091826336. 4

**Question Number : 31 Question Id : 9409187023 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

---- is used for routing information between autonomous systems connected to the Internet.

1. BGP
2. ATM
3. IDN
4. None of these

**Options :**

94091826337. 1

94091826338. 2

94091826339. 3

94091826340. 4

**Question Number : 32 Question Id : 9409187024 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Submission of a message by UA to MTA is via ----- protocol

1. POP3
2. IMAP
3. SMTP
4. None of these

**Options :**

94091826341. 1

94091826342. 2

94091826343. 3

94091826344. 4

**Question Number : 33 Question Id : 9409187025 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

CMIP, TMN and SNMP concentrated mainly on ----management tools.

1. LAN
2. WAN
3. RMON
4. SNMP

**Options :**

94091826345. 1

94091826346. 2

94091826347. 3

94091826348. 4

**Question Number : 34 Question Id : 9409187026 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

--- security is predominantly concerned with access to information resources residing on a server connected to a network or on a standalone computer.

1. AAA
2. ACL
3. Web
4. None of these

**Options :**

94091826349. 1

94091826350. 2

94091826351. 3

94091826352. 4

**Question Number : 35 Question Id : 9409187027 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

-- servers are computer systems that perform firewall functions at the application level

1. Proxy
2. Trusted
3. SPF
4. DPF

**Options :**

94091826353. 1

94091826354. 2

94091826355. 3

94091826356. 4

**Question Number : 36 Question Id : 9409187028 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

----- are malicious programs that spread from system to system via network connections.

1. Bacteria
2. Viruses
3. Worms
4. None of these

**Options :**

94091826357. 1

94091826358. 2

94091826359. 3

94091826360. 4

**Question Number : 37 Question Id : 9409187029 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

---- protocol provides a simple, standardised way for users to access their mailboxes and download messages on their computers using email clients.

1. POP3
2. SMTP
3. HTTP
4. IMAP

**Options :**

94091826361. 1

94091826362. 2

94091826363. 3

94091826364. 4

**Question Number : 38 Question Id : 9409187030 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

---- is computer software used by the Mail Transfer Agent to deliver email to a particular user's mailbox.

1. MDA
2. MTA
3. SMTP
4. None of these

**Options :**

94091826365. 1

94091826366. 2

94091826367. 3

94091826368. 4

**Question Number : 39 Question Id : 9409187031 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

--- is a copy of an email message sent to recipients but his email address does not appear in the message.

1. CC
2. BCC
3. MIME
4. none of these

**Options :**

94091826369. 1

94091826370. 2

94091826371. 3

94091826372. 4

**Question Number : 40 Question Id : 9409187032 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

--- translates domain names into IP addresses.

1. MIME
2. DNS
3. Proxy Server
4. None of these

**Options :**

94091826373. 1

94091826374. 2

94091826375. 3

94091826376. 4

**Question Number : 41 Question Id : 9409187033 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Web utilises protocols to identify a web object based on names and addresses known as:

1. URI
2. URL
3. HTTP
4. HTML

**Options :**

94091826377. 1

94091826378. 2

94091826379. 3

94091826380. 4

**Question Number : 42 Question Id : 9409187034 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Charles Goldfarb, Ed Mosher and Ray Lorie designed the first markup language known as ---

1. SGML
2. GML
3. HTML
4. XML

**Options :**

94091826381. 1

94091826382. 2

94091826383. 3

94091826384. 4

**Question Number : 43 Question Id : 9409187035 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

XML is a subset of -----

1. HTML
2. SGML
3. GML
4. None of these

**Options :**

94091826385. 1

94091826386. 2

94091826387. 3

94091826388. 4

**Question Number : 44 Question Id : 9409187036 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Search engines are automated tools for searching information from a collection using ----- stored in the database of search engine.

1. index
2. metadata
3. keywords
4. class number

**Options :**

94091826389. 1

94091826390. 2

94091826391. 3

94091826392. 4

**Question Number : 45 Question Id : 9409187037 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Dogpile is a metasearch engine and gets its results from Google, Yahoo, MSN Search, Ask, About, MIVA, LookSmart, and more.

1. metasearch engine
2. web directory
3. crawler
4. indexer

**Options :**

94091826393. 1

94091826394. 2

94091826395. 3

94091826396. 4

**Question Number : 46 Question Id : 9409187038 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**



----- means concatenation of words.

1. Truncation
2. Proximity
3. Fuzzy search
4. None of these

**Options :**

94091826397. 1

94091826398. 2

94091826399. 3

94091826400. 4

**Question Number : 47 Question Id : 9409187039 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

--- brings out results based on approximations.

1. Fuzzy search
2. Truncation
3. Proximity search
4. Stop words

**Options :**

94091826401. 1

94091826402. 2

94091826403. 3

94091826404. 4

**Question Number : 48 Question Id : 9409187040 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

A ----- is a locally stored Uniform Resource Identifier (URI)

1. bookmark
2. index
3. directory
4. None of these

**Options :**

94091826405. 1

94091826406. 2

94091826407. 3

94091826408. 4

**Question Number : 49 Question Id : 9409187041 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

----- is a standard for formatting non- ASCII messages so that they can be communicated over the Internet.

1. HTML
2. MIME
3. XML
4. PDF

**Options :**

94091826409. 1

94091826410. 2

94091826411. 3

94091826412. 4

**Question Number : 50 Question Id : 9409187042 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

A web-enabled broadcasting of information to the users is known as -----

1. streaming
2. video on demand
3. webcasting
4. None of three

**Options :**

94091826413. 1

94091826414. 2

94091826415. 3

94091826416. 4