'সমানো মন্ত্রঃ সমিতিঃ সমানী'

UNIVERSITY OF NORTH BENGAL

B.Com. Dsc 2nd Semester Examination, 2025

COMDSCA202-COMMERCE

BUSINESS MATHEMATICS-I

Time Allotted: 2 Hours 30 Minutes 　　　　　　　　　　　　　Full Marks: 60

The figures in the margin indicate full marks.

GROUP-A / বিভাগ-ক / সমূহ-ক

Answer any *two* questions 　　　　　　　　　　　　12×2 = 24

যে-কোন *দুটি* প্রশ্নের উত্তর দাও

কুনै দুইवटा প্রশ্নका উত্তর লেখ

1. (a) If $a^x = b^y = c^z$ and $b^2 = ac$, prove that $\frac{1}{x} + \frac{1}{z} = \frac{2}{y}$.　　　6+6

   (b) If $a = 2^{\frac{1}{3}} - 2^{-\frac{1}{3}}$, prove that $2a^3 + 6a - 3 = 0$.

2. (a) Show that $\log_3 \sqrt{3\sqrt{3\sqrt{3........\infty}}} = 1$.　　　5+7

   (b) A person pays ₹975 in monthly instalments, each instalment being less than former by ₹5. The amount of first instalment of ₹100. In what time will the entire amount to be paid?

3. (a) Find the sum of $4 + 44 + 444 + \cdots\cdots$ upto n terms.　　　6+6

   (b) Sum and Product of three numbers of a G.P. are respectively 52 and 1728. Find the numbers.

4. (a) If one root of $ax^2 + bx + c = 0$ is four times the other, then show that $4b^2 = 25ca$.　　　5+7

   (b) If the 21ˢᵗ and 22ⁿᵈ terms in the expansion of $(1+x)^{44}$ are equal, find the value of x.

GROUP-B / বিভাগ-খ / সমূহ-খ

5. Answer any *four* questions:　　　　　　　　　　　　6×4 = 24

   যে-কোন *চারটি* প্রশ্নের উত্তর দাওঃ

   কুनै *চারवটা* প্রশ্নका উত্তর লেখ —

   (a) If $^nP_r = 1680$, $^nC_r = 70$; find n and r.　　　　　6

   (b) In what time would a sum of money treble itself at 8% C.I.? ($\log 1.08 = 0.03342$,   6
$\log 3 = 0.47712$)

   (c) A company borrows ₹10,000 on condition to repay it with compound interest at   6
5% p.a. by annual instalments of ₹1000 each. In how many years will the debt be
paid off? ($\log 1.05 = 0.0212$, $\log 2 = 0.3010$)

   (d) Find the gradient and intercept on y-axis of the following line $y + x = 0$.   6

   (e) Three numbers whose sum is 15 are in A.P.; if 1, 4, 19 are added to them   6
respectively, results are in G.P. Determine the numbers.

   (f) In how many ways can the letters of the word DAUGHTER be arranged so that   6
the vowels are always separated?

GROUP-C / বিভাগ-গ / समूह-ग

6.   Answer any *four* questions: $3 \times 4 = 12$

   যে-কোন *চারটি* প্রশ্নের উত্তর দাওঃ

   कुनै *चारवटा* प्रश्नको उत्तर लेख —

   (a) If $^7 P_r = 210$. Find the value of r.   3

   (b) Which term of the series $\frac{1}{128}, \frac{1}{64}, \frac{1}{32} \cdots$ is 1?   3

   (c) Insert 3 A.M. between 2 and 14.   3

   (d) A varies directly with B^2. If $B = 2$, then $A = 10$, find the relation between A and B.   3

   (e) Prove that $\log[1 + 2 + 3] = \log 1 + \log 2 + \log 3$.   3

   (f) Find the value of perpetuity of ₹105 a year at $5\frac{1}{4}$% p.a.   3

अंग्रेजी प्रश्न दैखिए

ইংরেজি প্রশ্ন দেখো।

अंग्रेजी प्रश्न देर्नुहोस

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'समानो मन्त्रः समितिः समानी'

UNIVERSITY OF NORTH BENGAL
B.Com. Dsc 2nd Semester Examination, 2025

COMDSCB202-COMMERCE

COMPANY LAW

Time Allotted: 2 Hours 30 Minutes   Full Marks: 60

The figures in the margin indicate full marks.

GROUP-A / বিভাগ-ক / समूह-क

1. Answer any *four* questions: 3×4 = 12

    যে-কোন *চারটি* প্রশ্নের উত্তর দাওঃ

    कुनै *चार* प्रश्नका उत्तर लेख्नुहोस् —

    (a) Define a small company.   3

    'Small Company'-এর সংজ্ঞা লেখো।

    सानो कम्पनीको परिभाषा लेख्नुहोस् ।

    (b) Which companies are supposed to have an audit committee?   3

    কোন কোন কোম্পানির একটি অডিট কমিটি থাকা উচিত ?

    कुन कम्पनीहरूमा अडिट समिति हुनु पर्ने आवश्यकता छ ?

    (c) What is 'Doctrine of Constructive Notice'?   3

    গঠনমূলক নোটিশের মতবাদ কী ?

    Doctrine of Constructive Notice के हो ?

    (d) What is GDR?   3

    'GDR' কি ?

    GDR के हो ?

    (e) What is insider trading?   3

    ইনসাইডার ট্রেডিং কি ?

    इन्साइडर ट्रेडिङ के हो ?

    (f) Identify the companies which are required to have atleast one woman director.   3

    যেসব কোম্পানিতে কমপক্ষে একজন মহিলা ডাইরেক্টর থাকা বাধ্যতামূলক, সেগুলি চিহ্নিত করো।

    कस्ता कम्पनीहरूमा कम्तीमा एक महिला निर्देशक राख्नुपर्ने हुन्छ बताउनु होस् ।

GROUP-B / বিভাগ-খ / समूह-ख

2. Answer any *four* questions: 6×4 = 24

    যে-কোন *চারটি* প্রশ্নের উত্তর দাওঃ

    कुनै *चार* प्रश्नका उत्तर लेख्नुहोस् —

    (a) Identify the differences between Memorandum of Association and Articles of Association.   6

    'Memorandum of Association' এবং 'Articles of Association'-এর মধ্যে পার্থক্যগুলি চিহ্নিত করো।

    Memorandum of Association र Articles of Association बीचको भिन्नताहरू बताउनु होस् ।

(b) Write a note on the key constituents of a Depository System.   6

ডিপোজিটারি সিস্টেমের মূল উপাদানগুলি সম্পর্কে একটি টীকা লেখো।

डिपोजिटरी सिस्टमका प्रमुख अंशहरूको बारेमा छोटो टिप्पणी लेख्नुहोस्।

(c) Mention the grounds for disqualification of directors.   6

ডাইরেক্টরদের অযোগ্যতার কারণগুলি উল্লেখ করো।

निर्देशकको अयोग्यताको लागि आधारहरू उल्लेख गर्नुहोस्।

(d) Mention three advantages and three disadvantages of One Person Company.   3+3

এক ব্যক্তি কোম্পানির তিনটি সুবিধা এবং তিনটি অসুবিধা উল্লেখ করো।

एक व्यक्ति कम्पनीका तीन फाइदाहरू र तीन बेफाइदाहरू उल्लेख गर्नुहोस्।

(e) Write a note on Shelf Prospectus and Red Herring Prospectus.   3+3

'Shelf Prospectus' এবং 'Red Herring Prospectus'-এর ওপর একটি নোট লেখো।

Shelf Prospectus अनि Red Herring Prospectus माथि नोट लेख्नुहोस्।

(f) What are the requisites of a valid meeting?   6

একটি বৈধ সভার প্রয়োজনীয়তাগুলি কি কি?

एक वैध बैठकका आवश्यकताहरू के के हुन्?

GROUP-C / বিভাগ-গ / समूह-ग

Answer any *two* questions   12×2 = 24
যে-কোন *দুটি* প্রশ্নের উত্তর দাও
कुनै दुई प्रश्नका उत्तर लेख्नुहोस्

3. What is a company? Highlight the essential features of a company.   2+10

কোম্পানি কি? কোম্পানির প্রয়োজনীয় বৈশিষ্ট্যগুলি তুলে ধরো।

कम्पनी के हो? कम्पनीका आवश्यक विशेषताहरूलाई प्रकाश पार्नुहोस्।

4. What is MoA? Explain the different clauses of MoA.   2+10

MoA কি? MoA-এর বিভিন্ন ধারা ব্যাখ্যা করো।

MoA के हो? MoA का विभिन्न धाराहरू व्याख्या गर्नुहोस्।

5. Explain the concept of winding up. Write a note on the modes of winding up.   2+10

'Winding Up'-এর ধারণা সম্পর্কে ব্যাখ্যা করো। 'Winding Up'-এর পদ্ধতি সম্পর্কে একটি টীকা লেখো।

Winding up अवधारणाको व्याख्या गर्नुहोस्। Winding up को विभिन्न तरिकाहरूमा टिप्पणी लेख्नुहोस्।

6. What is AGM? What are the legal provisions of AGM?   2+10

AGM কি? AGM-এর আইনি বিধানগুলি কি কি?

AGM के हो? AGM को कानुनी प्रावधानहरू के के हुन्?

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GROUP-A / বিভাগ-ক / समूह-क

1. Answer any *four* questions:

   যে-কোন *চারটি* প্রশ্নের উত্তর দাওঃ

   कुनै **चार** प्रश्नका उत्तर लेख्नुहोस् —

   3×4 = 12

   (a) Define business communication.

   Business communication-এর সংজ্ঞা দাও।

   व्यवसायिक संचारको परिभाषा लेख्नुहोस्।

   3

   (b) Write a short note on linguistic barrier.

   Linguistic barrier (ভাষাগত বাধা)-এর উপর সংক্ষিপ্ত টীকা লেখ।

   भाषागत बाधाबारे छोटो टिप्पणी लेख्नुहोस्।

   3

   (c) Define quotation.

   Quotation কি ?

   Quotation परिभाषित गर्नुहोस्।

   3

   (d) What is informal communication?

   Informal Communication (অনানুষ্ঠানিক যোগাযোগ) কি ?

   अनौपचारिक संचार के हो ?

   3

   (e) What are claims and adjustment letter?

   দাবি এবং সংশোধনপত্র কি ?

   दाबी र समायोजन पत्र के हो ?

   3

   (f) What is group discussion?

   গোষ্ঠী আলোচনা কাকে বলে ?

   समूह छलफल के हो ?

   3

GROUP-B / বিভাগ-খ / समूह-ख

2. Answer any *four* questions:

   যে-কোন *চারটি* প্রশ্নের উত্তর দাওঃ

   कुनै **चार** प्रश्नका उत्तर लेख्नुहोस् —

   6×4 = 24

   (a) Briefly explain the principles of effective communication.

   কার্যকর যোগাযোগের নীতিগুলি সংক্ষেপে ব্যাখ্যা কর।

   प्रभावकारी संचारका सिद्धान्तहरूको संक्षेपमा व्याख्या गर्नुहोस्।

   6

   (b) Distinguish between formal and informal communication.

   আনুষ্ঠানিক ও অনানুষ্ঠানিক যোগাযোগ-এর মধ্যে পার্থক্য কর।

   औपचारिक और अनौपचारिक संचार बीचको भिन्नता बताउनु होस्।

   6

1

(c) What do you mean by oral presentation? Briefly describe the steps to prepare it. 2+4

মৌখিক উপস্থাপনা কি ? এটি প্রস্তুত করার ধাপগুলি সংক্ষেপে বর্ণনা কর।

मौखिक प्रस्तुती भन्नाले के बुझिन्छ ? यसलाई तयार पार्नका लागि चरणहरूको संक्षेपमा वर्णन गर्नुहोस् ।

(d) Differentiate between debate and group discussion. 6

বিতর্ক এবং দলীয় আলোচনা-এর মধ্যে পার্থক্য লেখ।

विवाद र समूह छलफल बीचको भिन्नता लेख्नुहोस् ।

(e) Write notes on: 3+3
   (i) Visual aids
   (ii) Presentation plan.

টীকা লেখঃ
   (i) চাক্ষুষ সহায়ক
   (ii) Presentation পরিকল্পনা।

टिप्पणी लेख्नुहोस् —
   (i) दृश्य सहायकहरू
   (ii) प्रस्तुती योजना

(f) Prepare a resume to apply for the post of an accountant in an MNC. 6

একটি বহুজাতিক কোম্পানিতে হিসাবরক্ষক পদের জন্য একটি জীবনবৃত্তান্ত প্রস্তুত কর।

एक मल्टिनेसनल कम्पनीमा लेखापालको पदका लागि रिजुमे तयार गर्नुहोस् ।

GROUP-C / বিভাগ-গ / समूह-ग

Answer any *two* questions 12×2 = 24
যে-কোন দুটি প্রশ্নের উত্তর দাও
कुनै दुई प्रश्नका उत्तर लेख्नुहोस्

3. (a) Elaborate about the various barriers to communication. 8+4

যোগাযোগের বিভিন্ন প্রতিবন্ধকতা বা বাধাগুলি বিস্তারিত আলোচনা কর।

संचारमा आउने विभिन्न बाधाहरूको बारेमा विस्तृत रूपमा व्याख्या गर्नुहोस् ।

(b) How can you overcome these barriers?

এই বাধাগুলি তুমি কিভাবে অতিক্রম করতে পারবে ?

तपाई यी बाधाहरूलाई कसरी हटाउन सक्नु हुन्छ ?

4. (a) Define Business Reports. Explain their importance. 2+4

বাণিজ্যিক প্রতিবেদন কি ? তাদের গুরুত্ব ব্যাখ্যা কর।

व्यवसायिक प्रतिवेदनको परिभाषा लेख्नुहोस् । यसको महत्त्व व्याख्या गर्नुहोस् ।

(b) Describe the essentials of a good report. 6

একটি ভালো প্রতিবেদনের প্রয়োজনীয় বিষয়গুলি বর্ণনা কর।

एक राम्रो प्रतिवेदनका आवश्यकताहरू व्याख्या गर्नुहोस् ।

5. (a) What is a business letter? 2+10

বাণিজ্যিক পত্র কি ?

व्यावसायिक पत्र के हो ?

(b) Explain in detail the layout of business letter.

বাণিজ্যিক পত্র-এর গঠনপ্রণালী বর্ণনা কর।

व्यावसायिक पत्रको लेआउटलाई विस्तृत रूपमा व्याख्या गर्नुहोस् ।

6. What are creative thoughts? What are the different forms of creative thoughts? 4+8

সৃজনশীল চিন্তা কি কি ? কার্যকরী চিন্তাভাবনার বিভিন্ন রূপগুলি কী কী ?

सृजनात्मक सोच के हो ? सृजनात्मक सोचका विभिन्न प्रकारहरू के के हुन् ?

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'समानो मन्त्रः समितिः समानी'

UNIVERSITY OF NORTH BENGAL
SEC 2nd Semester Examination, 2025

SEC - POOBSEC220-COMMERCE
DIGITAL MARKETING

Time Allotted: 2 Hours   Full Marks: 40

The figures in the margin indicate full marks.

GROUP-A / বিভাগ-ক / समूह-क

1. Answer any *five* questions: 1×5 = 5
   যে-কোন *পাঁচটি* প্রশ্নের উত্তর দাওঃ
   कुनै *पाँच* प्रश्नका उत्तर लेख्नुहोस् —

   (a) Write the full form of POEM.   1
   POEM-এর সম্পূর্ণ আকার লেখ।
   POEM के पूर्ण रूप लेख्नुहोस्।

   (b) What is SEO?   1
   SEO কি ?
   SEO के हो ?

   (c) Define Digital Marketing.   1
   Digital Marketing-এর সংজ্ঞা লেখ।
   डिजिटल मार्केटिङ परिभाषित गर्नुहोस्।

   (d) What is Google Bot?   1
   Google Bot কি ?
   Google Bot के हो ?

   (e) Name four popular Digital Marketing tools.   1
   চারটি জনপ্রিয় Digital Marketing tools-এর নাম লেখ।
   चारवटा लोकप्रिय डिजिटल मार्केटिङ उपकरणहरूको नाम लेख्नुहोस्।

   (f) Give the full form of SEM.   1
   SEM-এর সম্পূর্ণ আকার লেখ।
   SEM को पूर्ण रूप लेख्नुहोस्।

   (g) What is CMS?   1
   CMS কি ?
   CMS के हो ?

   (h) Give two challenges faced by Digital Marketers.   1
   Digital ব্যবসায়ী দ্বারা অনুভূত দুটি বাধার উল্লেখ কর।
   डिजिटल मार्केटरहरूले सामना गर्ने दुईवटा चुनौतीहरू उल्लेख गर्नुहोस्।

GROUP-B / বিভাগ-খ / समूह-ख

2. Answer any *three* questions: 5×3 = 15
   যে-কোন *তিনটি* প্রশ্নের উত্তর দাওঃ
   कुनै *तीन* प्रश्नका उत्तर लेख्नुहोस् —

   (a) Discuss in brief different Digital Marketing strategies.   5
   বিভিন্ন Digital Marketing পন্থার (strategy) সংক্ষিপ্ত আলোচনা কর।
   विभिन्न डिजिटल मार्केटिङ रणनीतिहरूको संक्षेपमा छलफल गर्नुहोस्।

(b) Write short note on Content Creation. 5

Content Creation-এর উপর সংক্ষিপ্ত বিবরণ দাও।

Content Creation মা এক छोटो नोट लेख्नुहोस्।

(c) What are Google Search Ads? Explain their uses. 5

Google Search Ads বলতে কি বোঝ ? এর ব্যবহার কি ?

Google Search Ads के हो ? यसको प्रयोगहरू व्याख्या गर्नुहोस्।

(d) What is the role of video marketing in digital promotion? What does CPM stand 5
for in online advertising?

Digital Promotion–এ video marketing-এর ভূমিকা কি ? Online বিজ্ঞাপন-এ CPM-এর
সম্পূর্ণ আকার লেখ।

Digital promotion मा Video marketing को भूमिका के छ ? अनलाईन विज्ञापनमा CPM के हो ?

(e) Discuss about different channels of Direct marketing. 5

Direct marketing-এর বিভিন্ন প্রণালী (channels) গুলি আলোচনা কর।

Direct marketing को बिभिन्न वितरण मार्गहरू छलफल गर्नुहोस्।

GROUP-C / বিভাগ-গ / समूह-ग

Answer any *two* questions 10×2 = 20

যে-কোন *দুটি* প্রশ্নের উত্তর দাও

कुनै *दुई* प्रश्नका उत्तर लेख्नुहोस्

3. Discuss about advantages of Digital Marketing over Traditional Marketing. How 6+4
SEO works?

প্রথাগত Marketing-এর সাপেক্ষে Digital Marketing-এর সুবিধাগুলি আলোচনা কর। SEO
কিভাবে কাজ করে ?

डिजिटल मार्केटिङको परम्परागत मार्केटिङमाथिको लाभहरूबारे छलफल गर्नुहोस्। SEO कसरी काम गर्छ ?

4. State advantages and disadvantages of Direct marketing. How does social media 6+4
marketing flourish today?

Direct Marketing-এর সুবিধা এবং অসুবিধাগুলি লেখ। বর্তমানে সামাজিক মাধ্যমের ব্যবসা
কিভাবে দিনে দিনে উন্নতি করছে ?

डिजिटल मार्केटिङको फाइदा र बेफाइदाहरू उल्लेख गर्नुहोस्। आज social media marketing
कसरी फैलिरहेको छ ?

5. What are the functions and significance of Web Analytics? Discuss in brief the 5+5
digital advertising tools.

Web Analytics-এর কাজ এবং তাৎপর্য ব্যাখ্যা কর। বিভিন্ন Digital বিজ্ঞাপন tools-এর সম্পর্কে
সংক্ষেপে আলোচনা কর।

Web Analytics को कार्य र विशेषताहरू के के हुन् ? डिजिटल विज्ञापन उपकरणहरूको संक्षेपमा
छलफल गर्नुहोस्।

6. Write short note on Email-marketing and influencer marketing. What are 3+3+4
Hashtags? Discuss about role of Facebook in Digital Marketing.

Email-marketing এবং Influencer marketing-এর উপর সংক্ষিপ্ত নোট লেখ। Hashtag কি ?
Digital Marketing-এর উপর Facebook-এর প্রভাব উল্লেখ কর।

ई-मेल मार्केटिङ अनि influence मार्केटिङ माथि छोटा नोट लेख्नुहोस्। Hashtag के हो ? डिजिटल
मार्केटिङमा फेसबुकको भूमिकाबारे छलफल गर्नुहोस्।

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उत्तर बंग
विश्वविद्यालय

'समानो मन्त्रः समितिः समानी'

UNIVERSITY OF NORTH BENGAL

AEC 2nd Semester Examination, 2025

AEC - ENGLAEC001-ALTERNATIVE ENGLISH

LITERARY APPLICATION

Time Allotted: 2 Hours 30 Minutes   Full Marks: 60

The figures in the margin indicate full marks.

1. Answer any ***three*** of the following questions: 15×3 = 45

   (a) Who are 'riders' in *Riders to the Sea*? Bring out the significance of the title of the play.

   (b) Examine the character of Maurya in the play *Riders to the Sea*.

   (c) What does the novel say about the American Dream in *The Great Gatsby* and how do the characters' pursuit of it ultimately lead to their downfall?

   (d) How does Nick Carraway's role as the narrator shape the story?

   (e) Write a note on the character of Nataraj in *The Man-Eater of Malgudi*.

   (f) Comment on the appropriateness of the title of the novel *The Man-Eater of Malgudi*.

2. Answer any ***three*** of the following questions: 5×3 = 15

   (a) How does Bartley die?

   (b) "I have seen the fearfullest thing" — What is the "fearfullest thing" in *Riders to the Sea*?

   (c) Why does Daisy marry Tom?

   (d) Why does Gatsby arrange for Nick to have lunch with Jordan Baker?

   (e) What does Vasu claim to have killed in Malgudi?

   (f) What is the central myth applied in the novel?

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QUESTION BOOKLET SERIES

A

QUESTION BOOKLET

SET-IV

'समानो मन्त्रः समितिः समानी'

UNIVERSITY OF NORTH BENGAL

IDC 2nd Semester Examination, 2025

IDC - IACTIDC211-FUNDAMENTALS OF INFORMATION AND COMMUNICATION TECHNOLOGY

Time Allotted: 1 Hour 30 Minutes

Full Marks: 40

The figures in the margin indicate full marks.

Instruction

The candidate should indicate the correct Name, Centre Name, Roll Number, Registration No., Course/Paper Code, Question Booklet Series, Question Booklet SET on the OMR Answer-Sheet otherwise the Answer-Sheet will not be evaluated and the candidate will be solely responsible for it.

Each question has four alternative answers. The candidate has to darken only one circle/bubble on the Answer-Sheet using black/blue ballpoint pen indicating the correct answer as shown below. If more than one answer / option is found darkened, then the question will be treated wrong and will not be evaluated.

Example: Correct Method: ○ ● ○ ○   Wrong Method: ⊗ ⊘ ◉ ◑

Answer *all* the questions $1 \times 40 = 40$

1. Which of the following is NOT a characteristic of a computer?

    (A) Speed   (B) Accuracy   (C) Storage   (D) Emotion

2. What does "connecting a keyboard to a CPU" involve?

    (A) Establishing a network connection   (B) Plugging the keyboard into the CPU

    (C) Installing software   (D) Connecting to a wireless network

3. The first generation of computers used

    (A) Transistors   (B) Integrated circuits

    (C) Vacuum tubes   (D) Microprocessors

4. Which of the following is an example of application software?

    (A) Windows OS   (B) Microsoft Word

    (C) BIOS   (D) Device drivers

5. What is the function of input devices?

    (A) To input data and commands in a computer

    (B) To execute programs

    (C) To display information

    (D) To store data

6. Which device is used to display the output from a computer?

    (A) Keyboard   (B) Mouse   (C) Monitor   (D) Printer

7. Which generation of computers is characterized by the use of microprocessors?

    (A) First generation   (B) Second generation

    (C) Third generation   (D) Fourth generation

8. What is the primary function of the CPU in a computer?

    (A) To store data permanently   (B) To process instructions

    (C) To manage power supply   (D) To display output

9. Which of the following is considered an input device?

    (A) Monitor   (B) Printer   (C) Keyboard   (D) Speaker

10. What is the primary purpose of application software?

    (A) To perform specific tasks for users, like word processing

    (B) To manage hardware components

    (C) To provide a user interface for operating systems

    (D) To protect the system from viruses

11. Which of the following is a type of primary storage?

    (A) Hard Disk   (B) Flash Drive   (C) RAM   (D) Optical Disk

12. What does ROM stand for?

    (A) Read Only Memory   (B) Random Access Memory

    (C) Read Once Memory   (D) Random Output Memory

13. What is the purpose of a flash drive?

    (A) To store data permanently   (B) To store data temporarily

    (C) To process data   (D) To display data

14. Which of the following is a type of pointing device?

    (A) Keyboard   (B) Mouse   (C) Monitor   (D) Printer

15. Which of the following is a volatile memory?

    (A) ROM   (B) PROM   (C) RAM   (D) EEPROM

16. PROM stands for

    (A) Programmed Read-only Memory   (B) Primary Read-only Memory

    (C) Programmable Read-only Memory   (D) Protected Read-only Memory

17. CDs store data using

    (A) Magnetic Fields   (B) Laser Technology

    (C) Electric Charges   (D) Transistors

18. Flash drives use what type of memory?

    (A) ROM   (B) Flash Memory   (C) SRAM   (D) DRAM

19. Floppy disks were primarily used for

    (A) Long-term archival storage   (B) High-speed data access

    (C) Portable storage of small files   (D) High capacity backups

20. One major advantage of network storage is

    (A) Increased local computer storage   (B) Faster access than RAM

    (C) Centralized data management   (D) Less dependency on networks

21. Why is software necessary for a Computer System?
    (A) To increase hardware speed   (B) To connect hardware physically
    (C) To make hardware functional   (D) To improve display quality

22. Which of the following is an example of system software?
    (A) MS Word   (B) Google Chrome
    (C) Windows 10   (D) Adobe Photoshop

23. Which component of OS keeps track of every file in the system?
    (A) File Manager   (B) Task Manager   (C) Scheduler   (D) Compiler

24. Which of the following is an example of an operating system?
    (A) Oracle   (B) Android   (C) MS Office   (D) Java

25. Disk Defragmenter is used to
    (A) Encrypt files   (B) Clean virus
    (C) Reorganize data on the disk   (D) Back-up data

26. Machine Language is composed of
    (A) High level syntax   (B) Binary codes
    (C) Assembly mnemonics   (D) Pseudocode

27. Which of the following is a high level language?
    (A) Java   (B) Binary   (C) Assembly   (D) HEX

28. Which of these is a benefit of High level language?
    (A) Machine level control   (B) Platform dependency
    (C) Easy to debug and maintain   (D) Software development

29. A Compiler is used to
    (A) Execute programs directly
    (B) Translate high level code to machine code
    (C) Debug hardware
    (D) Manage process

30. Which language uses mnemonics for coding?
    (A) Machine Language   (B) High-level-language
    (C) Natural language   (D) Assembly language

31. Which of the following technologies is most relevant to GPS and Satellite mapping?
    (A) ATM   (B) GIS   (C) EDI   (D) Video conferencing

32. Which technology can improve patient care in rural or remote areas?
    (A) ATM   (B) Cable TV   (C) Telemedicine   (D) Video on demand

33. What makes IoT devices smart?
    (A) Battery power
    (B) Ability to connect to the internet and exchange data
    (C) Use of touch screen
    (D) Wireless Charging

34. Electronic data interchange is primarily used for
    (A) Online gaming   (B) Business document exchange
    (C) Social Networking   (D) Watching videos

35. Which of the following allows users to watch movies and shows wherever they choose?
    (A) Cable TV   (B) Video on Demand
    (C) Live Streaming   (D) Satellite TV

36. Which technology allows two or more people to communicate with both audio and video in real-time?
    (A) Email   (B) Instant Messaging
    (C) Video Conferencing   (D) Voicemail

37. A GIS (Geographic Information System) is mainly used for
    (A) Online meeting   (B) Processing financial transactions
    (C) Mapping and Spatial data analysis   (D) Health monitoring

38. Which of these is an example of the IoT?
    (A) a TV remote control
    (B) a smart thermostat that connects to the internet
    (C) a landline telephone
    (D) a video camera without Wi-Fi

39. Which of the following is an example of online shopping?
    (A) Buying groceries at a supermarket   (B) Purchasing clothes from a local store
    (C) Ordering items from amazon   (D) Visiting a shopping mall

40. Which of the following allows businesses to automate transactions such as invoices and purchase orders?
    (A) GIS   (B) IoT   (C) EDI   (D) Cable TV

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