Question 1

Which method starts an Express server?

a) app.listen()

b) express.start()

c) app.begin()

d) express.run()

Question 2

Which middleware is used to parse JSON in Express?

a) bodyParser()

b) express.text()

c) express.json()

d) parseJSON()

Question 3

What does `require('dotenv').config()` do?

a) Encrypts the DB

b) Reads .env variables

c) Starts express

d) Initializes token

Question 4

Which MongoDB command finds all documents?

a) findAll()

b) find()

c) select()

d) getAll()

Question 5

What is a schema in Mongoose?

a) A route handler

b) A structure to define data

c) A controller

d) A token

Question 6

Which operator filters documents with price > 100?

a) $lt

b) $eq

c) $gt

d) $in

Question 7

What is the result of .sort({ price: -1 })?

a) Ascending price

b) Descending price

c) Random order

d) Sorted by _id

Question 8

What does .populate() do?

a) Filters results

b) Joins referenced documents

c) Sorts data

d) Deletes duplicates

Question 9

Which HTTP method is used to update a document?

a) POST

b) PUT

c) GET

d) DELETE

Question 10

What does express.Router() return?

a) New server

b) Route controller

c) Isolated route module

d) Middleware

Question 11

What does `bcrypt.hash()` return?

a) Plain text

b) Encrypted key

c) Hashed string

d) Token

Question 12

What is the purpose of JWT?

a) Connect to Mongo

b) Authorize API access

c) Hash password

d) Validate schema

Question 13

How do you protect a route using middleware?

a) Call protect()

b) Use app.use()

c) Add middleware to route

d) Add token to DB

Question 14

What is returned by jwt.sign()?

a) Password

b) Object

c) Token

d) Mongoose model

Question 15

What does `req.body` contain?

a) Headers
b) Query string
c) JSON payload
d) Auth token

Question 16

What does .skip(n).limit(m) do?

a) Pagination

b) Search

c) Join

d) Filter

Question 17

What is the default port for MongoDB?

a) 3306

b) 5432

c) 27017

d) 3000

Question 18

What will `req.params.id` return in `/orders/:id`?

a) Query param

b) Route param

c) Header

d) Token

Question 19

How to restrict access to a user's own orders?

a) Check headers

b) Filter by req.user.id

c) Compare passwords

d) Match token in DB

Question 20

Which option hashes passwords securely?

a) jwt.sign()

b) bcrypt.hash()

c) mongoose.encrypt()

d) crypto.secret()

Question 21

Which HTTP method should NOT be used to update a resource?

a) PUT
b) PATCH
c) POST
d) DELETE

Question 22

Which of these is a boolean value in Mongo?

a) Yes

b) 1

c) true

d) 'True'

Question 23

Which function validates user password?

a) jwt.verify()

b) .comparePassword()

c) app.auth()

d) .matchToken()

Question 24

What does .lean() do in Mongoose?

a) Deletes data

b) Returns raw JS objects

c) Filters errors

d) None

Question 25

Which validation lib returns all errors if abortEarly is false?

a) Joi

b) Mongoose

c) Zod

d) Express

Question 26

How do you extract a bearer token from headers?

a) req.token

b) req.headers.authorization

c) req.auth

d) req.header.token

Question 27

Which field holds references in MongoDB?

a) user: String

b) user: ObjectId

c) user: Mixed

d) user: Reference

Question 28

What does `.env` file store?

a) Routes

b) Config & secrets

c) Controllers

d) Packages

Question 29

What does `.text()` do in a Mongoose schema?

a) Marks for indexing

b) Validates type

c) Sets default

d) Converts format

Question 30

How to search by keyword without using text index?

a) $match

b) $regex

c) $in

d) $equal

Question 31

Which header is used to send JWT token?

a) x-auth

b) token

c) Authorization

d) access-control

Question 32

How can we paginate results in MongoDB?

a) .paginate()

b) .skip().limit()

c) .slice()

d) .findPage()

Question 33

How to define roles in JWT payload?

a) Add to req

b) Include in token payload

c) Use app.set()

d) Set in schema

Question 34

Which method verifies the JWT token?

a) jwt.read()

b) jwt.validate()

c) jwt.verify()

d) jwt.decode()