<u>Dashboard</u> / My courses / <u>XLAN7FA23</u> / <u>Chương 8: Nhận dạng ảnh</u> / <u>Kiểm tra kiến thức chương</u>

9	Started on	Friday, 17 November 2023, 10:26 AM
		Finished
Com		Sunday, 19 November 2023, 5:30 PM
		2 days 7 hours
		50.00/50.00
	Grade	10.00 out of 10.00 (100 %)
Question 1		
Correct		
Mark 1.00 o	ut of 1.00	
19. Wha	t is data au	gmentation in image classification?
Select o	ne:	
a.	Deleting irr	relevant patterns from the dataset
b.	Generating	new images from existing data by applying transformations
O c.	Changing t	the background of patterns
O d.	Creating ne	ew classes for patterns
Question 2		
Correct		
Mark 1.00 or	ut of 1.00	
30. Whic	ch of the fol	llowing is NOT a common challenge in image pattern classification?
Select o	ne:	
○ a.	Variability i	n pattern appearance
b.	Limited ava	ailability of computing resources
		f noise in images
		complex datasets
	J	

	Nem da kien dide chaong. Attempt review
Question 3	
Correct	
Mark 1.00 o	ut of 1.00
23. Whi	ch layer in a CNN is responsible for reducing spatial dimensions while retaining important information?
Select o	one:
	Pooling layer
	Fully connected layer
	Activation layer
	Convolutional layer
O u.	Convolutional layer
Question 4	
Correct	
Mark 1.00 o	ut of 1.00
41. Wha	at is the basic building block of a neural network?
Select o	ne:
a.	A neuron
O b.	A prototype
○ c.	A pixel
O d.	A feature
Question 5	
Correct	
Mark 1.00 o	ut of 1.00
	at is overfitting in image classification?
21. Wha	
Select o	one:
Select o	one: When a model performs too well on the test data
Select o a. b.	when a model performs too well on the test data When a model performs poorly on the training data
Select o a. b. c.	one: When a model performs too well on the test data

Question 6		
Correct		
Mark 1.00 d	out of 1.00	
45. Wh	at is the advantage of using a stride greater than 1 in a convolutional layer?	
Select o	one:	
a.	It reduces the number of filters needed in the layer.	
O b.	It increases the depth of the neural network.	
O c.	It increases the size of the output feature maps.	
d.	It reduces the computational complexity of the layer.	~
Question 7		
Correct		
	. (400	
31. Who	at is the difference between image classification and image segmentation? one:	
	at is the difference between image classification and image segmentation?	
31. Who	at is the difference between image classification and image segmentation? one: Image classification involves sorting images by size, while segmentation involves sorting by color. Image classification is used for medical images, while segmentation is used for artistic images.	•
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31. What Select of a. b. c. d. Question 8 Correct Mark 1.00 of Select of a.	at is the difference between image classification and image segmentation? one: Image classification involves sorting images by size, while segmentation involves sorting by color. Image classification is used for medical images, while segmentation is used for artistic images. Image classification involves transforming images to grayscale, while segmentation involves transforming them to color. Image classification involves identifying objects in images, while segmentation involves dividing images into regions. out of 1.00 at is a convolutional neural network (CNN) specialized for? one: Text analysis	~
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31. What Select of a. b. c. d. Select of a. b. c. b. c. b. c. c.	at is the difference between image classification and image segmentation? one: Image classification involves sorting images by size, while segmentation involves sorting by color. Image classification is used for medical images, while segmentation is used for artistic images. Image classification involves transforming images to grayscale, while segmentation involves transforming them to color. Image classification involves identifying objects in images, while segmentation involves dividing images into regions. out of 1.00 at is a convolutional neural network (CNN) specialized for? one: Text analysis	~

4.2	
Question 12	
Correct	
Mark 1.00 ou	ut of 1.00
47. Wha	t is the purpose of regularization in image classification?
Select o	ne:
○ a.	To increase the model's complexity
O b.	To increase the learning rate of the model
O c.	To convert images to grayscale
d.	To prevent overfitting by adding a penalty term to the loss function
Question 13	<u> </u>
Correct	
Mark 1.00 ou	ut of 1.00
13. Wha	t is a neural network in image classification? ne:
Select or a. b. c.	
Select or a. b. c.	ne: A network of interconnected patterns A computational model inspired by the human brain A network of interconnected cameras A network of interconnected computers
Select or a. b. c. d.	ne: A network of interconnected patterns A computational model inspired by the human brain A network of interconnected cameras A network of interconnected computers
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Select of a. b. c. d. Question 14 Correct Mark 1.00 or Select or	ne: A network of interconnected patterns A computational model inspired by the human brain A network of interconnected cameras A network of interconnected computers Lut of 1.00 achine learning, what does the term "hyperparameter" refer to?
Select of a. b. c. d. Question 14 Correct Mark 1.00 or Select of a.	ne: A network of interconnected patterns A computational model inspired by the human brain A network of interconnected cameras A network of interconnected computers It of 1.00 achine learning, what does the term "hyperparameter" refer to? ne:
Select of a. b. c. d. Question 14 Correct Mark 1.00 or Select of a. b.	ne: A network of interconnected patterns A computational model inspired by the human brain A network of interconnected cameras A network of interconnected computers Lut of 1.00 achine learning, what does the term "hyperparameter" refer to? ne: The parameters that a model learns during training

	n Kiem tia kien thức chương. Attempt review
Question 1	5
Correct	
Mark 1.00	out of 1.00
2E W/h	at is the role of the padding parameter in a convolutional layer?
25. VVI	at is the role of the padding parameter in a convolutional layer?
Select	one:
O a.	It adds noise to the image
O b.	It reduces the size of the image
O c.	It changes the color of the image pixels
d.	It adds extra pixels around the image
Question 1	6
Correct	
Mark 1.00	001.00
18. Wh	at is pooling in the context of CNNs?
Select	
a.	Aggregating information from a local region of an image
O b.	
O c.	
O d.	Reducing the size of the image by selecting random pixels
Question 1	7
Correct	
Mark 1.00	out of 1.00
40. Wh	at is a decision boundary in the context of image classification?
Select	one:
a.	A boundary that separates different pattern classes
O b.	A boundary that divides an image into quadrants
O c.	A boundary that connects patterns with similar colors
O d.	A boundary that outlines the regions of noise in an image

and 1.00 out of 1.00 10. What is the goal of optimum statistical classifiers? Select one: a. To classify patterns without using any statistical methods b. To classify patterns based on their artistic value c. To classify patterns based on their physical dimensions d. To achieve the highest possible accuracy in classification uestion 19 orrect lank 1.00 out of 1.00 14. Which of the following is a characteristic of deep learning neural networks? Select one: a. They can automatically learn features from data b. They have a single layer c. They require minimal training data d. They don't require any optimization	Question 18 Correct Mark 1.00 out of	
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d. To achieve the highest possible accuracy in classification 19 orrect lark 1.00 out of 1.00 14. Which of the following is a characteristic of deep learning neural networks? Select one: a. They can automatically learn features from data b. They have a single layer c. They require minimal training data d. They don't require any optimization	O b. To c	lassify patterns based on their artistic value
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Select one: a. They can automatically learn features from data b. They have a single layer c. They require minimal training data d. They don't require any optimization		
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 b. They have a single layer c. They require minimal training data d. They don't require any optimization 	Select one:	
 c. They require minimal training data d. They don't require any optimization 	a. The	y can automatically learn features from data
d. They don't require any optimization	_ · _ ·	y have a single layer
uestion 20	Ob. The	
	c. The	y require minimal training data
	c. The	y require minimal training data
DIFFECT CONTRACTOR CON	c. The	y require minimal training data
lark 1.00 out of 1.00	c. The	y require minimal training data
	c. The d. The Question 20	y require minimal training data y don't require any optimization
8. Which of the following is NOT a step in prototype-based pattern classification?	c. The d. The Question 20 Correct Mark 1.00 out of	y require minimal training data y don't require any optimization
	c. The d. The Question 20 Correct Mark 1.00 out of 1	y require minimal training data y don't require any optimization
a. Prototype creation	c. They d. They Couestion 20 Correct Mark 1.00 out of 1 8. Which of the Select one:	y require minimal training data y don't require any optimization 1.00 The following is NOT a step in prototype-based pattern classification?
○ b. Feature extraction	c. The d.	y require minimal training data y don't require any optimization 1.00 The following is NOT a step in prototype-based pattern classification? Totype creation
c. Pattern negation	c. The d. The Question 20 Correct Mark 1.00 out of 7 8. Which of the Select one:	y require minimal training data y don't require any optimization 1.00 The following is NOT a step in prototype-based pattern classification? Totype creation
d. Pattern normalization	c. They d. They d. They Question 20 Correct Mark 1.00 out of 1 Select one: a. Prot b. Feat	y require minimal training data y don't require any optimization 1.00 the following is NOT a step in prototype-based pattern classification? Totype creation Ture extraction
	c. The d.	y require minimal training data y don't require any optimization 1.00 the following is NOT a step in prototype-based pattern classification? Totype creation The extraction The extraction thas the extraction that the extraction the extraction that the ext

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Question 2	1
Correct	
Mark 1.00 c	ut of 1.00
32 Wha	at are features in the context of image pattern classification?
02	ta are reatar so in the context of image partain classification.
Select o	nne:
a.	Distinctive visual elements that help distinguish patterns
b.	Unique artistic elements in images
○ c.	The size of patterns in pixels
O d.	The color of patterns in images
Question 2	2
Correct	
Mark 1 00 a	ut of 1.00
	at is the primary purpose of the activation function in a neural network?
15. Wha	at is the primary purpose of the activation function in a neural network?
15. What Select of a.	at is the primary purpose of the activation function in a neural network?
15. Who	at is the primary purpose of the activation function in a neural network? one: To control the brightness of images
15. What Select co	at is the primary purpose of the activation function in a neural network? one: To control the brightness of images To calculate the average of pixel values
15. What Select co	at is the primary purpose of the activation function in a neural network? one: To control the brightness of images To calculate the average of pixel values To introduce non-linearity into the model To determine the color of patterns
15. What Select contains a b.	at is the primary purpose of the activation function in a neural network? one: To control the brightness of images To calculate the average of pixel values To introduce non-linearity into the model To determine the color of patterns
15. What Select of a. b. c. d.	at is the primary purpose of the activation function in a neural network? Ince: To control the brightness of images To calculate the average of pixel values To introduce non-linearity into the model To determine the color of patterns
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15. What Select of a. Question 2. Correct Mark 1.00 of a. Select of a. b. b. Select of a. b.	at is the primary purpose of the activation function in a neural network? Ince: To control the brightness of images To calculate the average of pixel values To introduce non-linearity into the model To determine the color of patterns at is a kernel or filter in a CNN? Ince: A small image pattern used for image compression

5, 4.07 1 W	Mon at Mon and ondoing. Automptionow
Question 2	4
Correct	
Mark 1.00 c	out of 1.00
3. Whic	h term refers to the predefined categories that images are classified into?
Select o	one:
	Prototypes
	Neurons
	Features
	Classes
o u.	
Question 2	
Correct	
Mark 1.00 c	out of 1.00
Select o	one: The rate at which patterns are classified during testing
	The rate at which a model learns from the training data
	The rate at which images are generated during data augmentation
	The rate at which classes are assigned to patterns
o u.	The face at which classes are assigned to patterns
Question 2	6
Correct	
Mark 1.00 c	ut of 1.00
1. What	is image pattern classification?
Select o	
	Categorizing images into classes based on their features
	Arranging images based on their resolution
O c.	Grouping images by color
O d.	Sorting images by size

esplit a dataset into training, validation, and testing sets?
cally represented in image classification?
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•
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Question 3	0
Correct	
Mark 1.00	out of 1.00
34. Wh	ich term refers to the process of identifying and extracting relevant information from images?
Select	
	Prototype matching
	Pattern normalization
	Class labeling
d.	Feature extraction
Question 3	1
Correct	
Mark 1.00	out of 1.00
22. Wh	at is transfer learning in image classification? one:
Select	one:
Select of a.	one: Using a pre-trained model and fine-tuning it on a new dataset ✓
Select c a. b. c.	one: Using a pre-trained model and fine-tuning it on a new dataset Converting images to a different format
Select c a. b. c.	one: Using a pre-trained model and fine-tuning it on a new dataset Converting images to a different format Transferring patterns between different image classes
Select c a. b. c.	Using a pre-trained model and fine-tuning it on a new dataset Converting images to a different format Transferring patterns between different image classes Moving images from one folder to another
Select (Using a pre-trained model and fine-tuning it on a new dataset Converting images to a different format Transferring patterns between different image classes Moving images from one folder to another
Select of a. b. c. d.	Using a pre-trained model and fine-tuning it on a new dataset Converting images to a different format Transferring patterns between different image classes Moving images from one folder to another
Select of a. b. c. d.	Using a pre-trained model and fine-tuning it on a new dataset Converting images to a different format Transferring patterns between different image classes Moving images from one folder to another
Select of a. a. b. c. d.	Using a pre-trained model and fine-tuning it on a new dataset Converting images to a different format Transferring patterns between different image classes Moving images from one folder to another 2 put of 1.00
Select of a. a. b. c. d.	Using a pre-trained model and fine-tuning it on a new dataset Converting images to a different format Transferring patterns between different image classes Moving images from one folder to another
Select of a. b. c. d. Question 3 Correct Mark 1.00 of 12. Wh	Using a pre-trained model and fine-tuning it on a new dataset Converting images to a different format Transferring patterns between different image classes Moving images from one folder to another 2 at does a confusion matrix in image classification represent?
Select of a. b. c. d. Question 3 Correct Mark 1.00 of 12. Wh	Using a pre-trained model and fine-tuning it on a new dataset Converting images to a different format Transferring patterns between different image classes Moving images from one folder to another 2 at does a confusion matrix in image classification represent? ene: A matrix showing the rotation angles of patterns
Select of a. b. c. d. Question 3 Correct Mark 1.00 of 12. Wh Select of a. b.	Using a pre-trained model and fine-tuning it on a new dataset Converting images to a different format Transferring patterns between different image classes Moving images from one folder to another 2 at does a confusion matrix in image classification represent? A matrix showing the rotation angles of patterns A matrix showing the misclassifications between different pattern classes
Select of a. b. c. Correct Mark 1.00 of a. b. c. c.	Using a pre-trained model and fine-tuning it on a new dataset Converting images to a different format Transferring patterns between different image classes Moving images from one folder to another 2 at does a confusion matrix in image classification represent? ene: A matrix showing the rotation angles of patterns

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Question 3	3
Correct	
Mark 1.00	out of 1.00
11. ln t	he context of image classification, what does the term "Bayes" refer to?
Select o	one:
	A type of camera lens
	A specific pattern class
	A famous artist
	Bayes' theorem and probabilistic methods
· u.	bayes theorem and probabilistic methods
Question 3	4
Correct	
Mark 1.00 (out of 1 (10)
35. Wh	at is the main idea behind prototype-based pattern classification?
Select o	at is the main idea behind prototype-based pattern classification?
Select o	at is the main idea behind prototype-based pattern classification? one:
Select o	at is the main idea behind prototype-based pattern classification? one: Matching patterns to randomly generated prototypes
Select of a. b. c.	at is the main idea behind prototype-based pattern classification? one: Matching patterns to randomly generated prototypes Matching patterns to prototypes generated during testing
Select (at is the main idea behind prototype-based pattern classification? One: Matching patterns to randomly generated prototypes Matching patterns to prototypes generated during testing Matching patterns to predefined prototypes representing class examples Matching patterns to abstract prototypes with no visual representation
Select of a. b. c.	at is the main idea behind prototype-based pattern classification? One: Matching patterns to randomly generated prototypes Matching patterns to prototypes generated during testing Matching patterns to predefined prototypes representing class examples Matching patterns to abstract prototypes with no visual representation
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Select of a. b. c. d. Ouestion 3 Correct Mark 1.00 of Select of Select of the select	at is the main idea behind prototype-based pattern classification? One: Matching patterns to randomly generated prototypes Matching patterns to prototypes generated during testing Matching patterns to predefined prototypes representing class examples Matching patterns to abstract prototypes with no visual representation 5 Dut of 1.00 we are pattern classes typically defined in image classification? One:
Select of a. b. c. d. Question 3 Correct Mark 1.00 of a. Select of a.	at is the main idea behind prototype-based pattern classification? One: Matching patterns to randomly generated prototypes Matching patterns to prototypes generated during testing Matching patterns to predefined prototypes representing class examples Matching patterns to abstract prototypes with no visual representation 5 Out of 1.00 w are pattern classes typically defined in image classification? One: By the number of pixels in each pattern
Select (a. b. c. d. Question 3 Correct Mark 1.00 (Select (a. b.	at is the main idea behind prototype-based pattern classification? One: Matching patterns to randomly generated prototypes Matching patterns to prototypes generated during testing Matching patterns to predefined prototypes representing class examples Matching patterns to abstract prototypes with no visual representation 5 Dut of 1.00 We are pattern classes typically defined in image classification? One: By the number of pixels in each pattern By the textures present in patterns
Select of a. b. Correct Mark 1.00 of Select of a. b. c.	at is the main idea behind prototype-based pattern classification? One: Matching patterns to randomly generated prototypes Matching patterns to prototypes generated during testing Matching patterns to predefined prototypes representing class examples Matching patterns to abstract prototypes with no visual representation 5 Dout of 1.00 We are pattern classes typically defined in image classification? One: By the number of pixels in each pattern By the textures present in patterns

Question 36		
	5	
Correct		
Mark 1.00 ou	ut of 1.00	
48. Wha	t is early stopping in the training of machine learning models?	
Select or	ne:	
О а.	Stopping the model from classifying patterns	
O b.	Terminating the training process after a fixed number of iterations	
○ c.	Stopping the model from learning new features	
d.	Terminating the training process when the model's performance on the validation set stops improving	~
Question 37	7	
Correct		
Mark 1.00 ou	ut of 1.00	
37. In pr	ototype-based pattern classification, what is a prototype?	
Select or	rototype-based pattern classification, what is a prototype? ne: A pattern used for validation purposes	
Select or	rototype-based pattern classification, what is a prototype? ne: A pattern used for validation purposes A randomly generated image	•
Select or a. b. c.	rototype-based pattern classification, what is a prototype? ne: A pattern used for validation purposes A randomly generated image A representative example of a pattern class	~
Select or a. b. c.	rototype-based pattern classification, what is a prototype? ne: A pattern used for validation purposes A randomly generated image	*
Select or a. b. c. d.	rototype-based pattern classification, what is a prototype? ne: A pattern used for validation purposes A randomly generated image A representative example of a pattern class A template used to create patterns	*
Select or a. b. c. d.	rototype-based pattern classification, what is a prototype? ne: A pattern used for validation purposes A randomly generated image A representative example of a pattern class A template used to create patterns	*
Select or a. b. c. d.	rototype-based pattern classification, what is a prototype? ne: A pattern used for validation purposes A randomly generated image A representative example of a pattern class A template used to create patterns	*
Select or a. b. c. d.	rototype-based pattern classification, what is a prototype? ne: A pattern used for validation purposes A randomly generated image A representative example of a pattern class A template used to create patterns	*
Select or a. b. c. d.	rototype-based pattern classification, what is a prototype? ne: A pattern used for validation purposes A randomly generated image A representative example of a pattern class A template used to create patterns	*
Select or a. b. c. c. d.	rototype-based pattern classification, what is a prototype? ne: A pattern used for validation purposes A randomly generated image A representative example of a pattern class A template used to create patterns	*
Select of a. b. c. d. Question 38 Correct Mark 1.00 ou Select of a.	rototype-based pattern classification, what is a prototype? ne: A pattern used for validation purposes A randomly generated image A representative example of a pattern class A template used to create patterns	*
Select or a. b. c. d. Question 38 Correct Mark 1.00 or 36. What Select or a. b.	rototype-based pattern classification, what is a prototype? ne: A pattern used for validation purposes A randomly generated image A representative example of a pattern class A template used to create patterns B ut of 1.00 t is the purpose of pattern normalization in prototype-based classification? ne: To resize patterns to a standard resolution	*

Question 39	
Question 39	
Correct	
Mark 1.00 out	of 1.00
46. Why is	s cross-validation important in image classification?
Select on	e:
a. T	o assess the performance of a model on unseen data
○ b. T	o validate the colors used in images
○ c. T	o determine the size of patterns in images
O d. T	o identify the class labels of patterns
Question 40	
Correct	
Mark 1.00 out	of 1.00
29. What	is the primary goal of image pattern classification? e:
Select one a. T b. T c. T	
Select one a. T b. T c. T d. T	e: To compress images for storage To create visually appealing images To classify images into predefined categories based on their features
Select one a. T b. T c. T d. T	e: to compress images for storage to create visually appealing images to classify images into predefined categories based on their features to generate random patterns
Select one a. T b. T c. T d. T Question 41 Correct Mark 1.00 out	e: To compress images for storage To create visually appealing images To classify images into predefined categories based on their features To generate random patterns of 1.00
Select one a. T b. T c. T d. T Question 41 Correct Mark 1.00 out	e: to compress images for storage to create visually appealing images to classify images into predefined categories based on their features to generate random patterns
Select one a. T b. T c. T d. T	e: to compress images for storage to create visually appealing images to classify images into predefined categories based on their features to generate random patterns of 1.00 a prototype in pattern classification?
Select one a. T b. T c. T d. T Question 41 Correct Mark 1.00 out 9. What is Select one a. A	e: o compress images for storage o create visually appealing images o classify images into predefined categories based on their features o generate random patterns of 1.00 a prototype in pattern classification? e: a pattern with added noise
Select one a. T b. T c. T d. T Question 41 Correct Mark 1.00 out 9. What is Select one a. A	e: o compress images for storage o create visually appealing images o classify images into predefined categories based on their features o generate random patterns of 1.00 a prototype in pattern classification? e:
Select one a. T b. T c. T d. T Question 41 Correct Mark 1.00 out 9. What is Select one a. A b. A	e: o compress images for storage o create visually appealing images o classify images into predefined categories based on their features o generate random patterns of 1.00 a prototype in pattern classification? e: a pattern with added noise

Correct			
Mark 1.00 d	ut of 1.00		
44. How do deep convolutional neural networks (CNNs) differ from traditional neural networks?			
Select o	ne:		
О а.	CNNs are shallower and focus on patterns with simple features, while traditional neural networks handle complex features.		
O b.	CNNs are limited to grayscale images, while traditional neural networks can handle color images.		
C.	CNNs are deeper and incorporate convolutional and pooling layers specifically designed for image data.		
O d.	CNNs use only fully connected layers, while traditional neural networks use only convolutional layers.		
Question 4			
Correct			
Mark 1.00 d	ut of 1.00		
Select o	n of the following is NOT a common application of image pattern classification? ne: Social media posting		
Select c a. b. c.	ne: Social media posting Autonomous driving Object recognition		
Select c a. b. c.	ne: Social media posting Autonomous driving		
Select c	ne: Social media posting Autonomous driving Object recognition Medical diagnosis		
Select c a. b. c. d.	ne: Social media posting Autonomous driving Object recognition Medical diagnosis		
Select c	ne: Social media posting Autonomous driving Object recognition Medical diagnosis		
Select of a. b. c. d.	ne: Social media posting Autonomous driving Object recognition Medical diagnosis		
Select of a. b. c. d.	ne: Social media posting Autonomous driving Object recognition Medical diagnosis ut of 1.00 t is the role of Bayes' theorem in image classification?		
Select of a. b. c. d. Question 4 Correct Mark 1.00 of Select of Select of the select	ne: Social media posting Autonomous driving Object recognition Medical diagnosis ut of 1.00 t is the role of Bayes' theorem in image classification? ne: It defines the total number of patterns in a dataset		
Select of a. b. c. d. Question 4 Correct Mark 1.00 of Select of Select of the select	ne: Social media posting Autonomous driving Object recognition Medical diagnosis t is the role of Bayes' theorem in image classification? ne:		
Select of a. b. c. d. Question 4 Correct Mark 1.00 of Select of a.	ne: Social media posting Autonomous driving Object recognition Medical diagnosis ut of 1.00 t is the role of Bayes' theorem in image classification? ne: It defines the total number of patterns in a dataset		

Select one: a. To learn hierarchical features from images b. To eliminate noise from the input image	
24. What is the purpose of using multiple convolutional layers in a CNN? Select one: a. To learn hierarchical features from images b. To eliminate noise from the input image	
Select one: a. To learn hierarchical features from images b. To eliminate noise from the input image	
Select one: a. To learn hierarchical features from images b. To eliminate noise from the input image	ه.
Select one: a. To learn hierarchical features from images b. To eliminate noise from the input image	ه.
a. To learn hierarchical features from imagesb. To eliminate noise from the input image	
○ b. To eliminate noise from the input image	
	•
c. To decrease the number of feature maps	
·	
 d. To increase the size of the input image 	
Question 46	
Correct	
Mark 1.00 out of 1.00	
a. Dataset normalization b. Feature extraction	•
b. Feature extraction	
c. Data augmentation	
○ d. Image compression	
Ouestion 47	
Question 47 Correct	

Question 4	8
Correct	
Лark 1.00 с	ut of 1.00
42. In n	eural networks, what does the term "weight" represent?
Select o	
	The physical weight of the network
) b.	The importance of each pixel in an image The numerical parameter that adjusts the strength of connections between pourons.
C.	The numerical parameter that adjusts the strength of connections between neurons The amount of poice added to the input data.
O a.	The amount of noise added to the input data
Question 4	9
Correct	
Mark 1.00 d	ut of 1.00
4. Wha	are patterns in the context of image classification?
Select of	one:
a.	Repetitive textures in images
O b.	Regular shapes in images
O c.	Blurred areas in images
O d.	Noise and artifacts in images
Question 5	0
Correct	
Лark 1.00 d	ut of 1.00
38. Wh	at is the goal of an optimum statistical classifier in image pattern classification?
Select of	one:
О a.	To minimize the number of pattern classes
b.	To maximize the accuracy of classification using probabilistic methods
O c.	To classify patterns without using any statistical methods
O d.	To achieve the highest possible resolution for images
⊸ Chu	ơng 7: Trắc nghiệm kiến thức
Jump	to